



# Hose Couplings





This section is arranged in the following **COUPLING SERIES** order:

PAGES	COUPLING SERIES	APPLICATION
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### BITELOK ONE-PIECE CRIMP COUPLINGS

102 to 123	<b>T200</b>	BITELOK One-Piece Crimp for Wire Braid Hose (and for some Spiral Hose if cover is Skived)
124 to 133	<b>T400</b>	BITELOK One-Piece Crimp for M2, M2G, MP1, RQP5, RT7, RT7N, RT7T, RT7TN, RT8, RT8N, RT8T, RT8TN, SR, SRF and T5 hose
134 to 152	<b>T700</b>	BITELOK One-Piece Crimp for Wire Braid Hose and Spiral Hose
153 to 161	<b>T900</b>	BITELOK One-Piece Crimp for H13, H1516, H1520, HSH12 and HSH16 Spiral Hose

### BITELOK TWO-PIECE CRIMP COUPLINGS

162 to 166	<b>6900N</b>	BITELOK Interlok Two-Piece Crimp for H15 Spiral Hose
168 and 169	<b>6900K</b>	BITELOK Interlok Two-Piece Crimp for H13 Spiral Hose
169	<b>6900T</b>	BITELOK Interlok Two-Piece Crimp for H13 Spiral Hose
170 and 171	<b>1200</b>	BITELOK Two-Piece Crimp for T240A Hose
172 to 174	<b>1100</b>	BITELOK Two-Piece Crimp for RTH1 Hose
175 and 176	<b>1G00</b>	Two-Piece Crimp for FB2 Air Conditioning Hose

### FIELD ATTACHABLE COUPLINGS

177 to 181	<b>800</b>	Push-On for PL1 and RQP6 Hose
182 to 186	<b>3300</b>	Suction and Return for SR and SRF Hose
188 to 201	<b>V00</b>	Field Attachable for RQP5 and T5 Hose
202 and 203	<b>A00,B00,K00, L00 &amp; 400</b>	Field Attachable Ferrules
204 to 219	<b>600</b>	Field Attachable Inserts for Wire Braid Hose and M2 Series Textile Braid Hose With appropriate Ferrules, these form A00, B00, K00, L00, V00 and 400 Series Field Attachable Couplings

### STAINLESS STEEL BITELOK ONE-PIECE CRIMP COUPLINGS

220 and 221	<b>T200SS</b>	Stainless Steel BITELOK One-Piece Crimp for Wire Braid Hose
222	<b>T700SS</b>	Stainless Steel BITELOK One-Piece Crimp for Wire Braid Hose and Spiral Hose

## INDEXES

### TWO INDEXES FOLLOW:

88 to 95	Pictorial Index
96 to 98	Index by End Style Number & Coupling Series

#### Within each Coupling Series the listing order is Alphabetical\* by Thread or Connector Type:

BSP (BSPT, BSPP, BSPP CAPTIVE SEAL, BSPP O RING)  
 NPT\* (NPTF, NPSM)  
 GREASELINE  
 JIC  
 JIS (BSP, METRIC)  
 JOINER  
 METRIC (DKL, DKOL, DKS, DKOS, FRENCH GAZ, FRENCH MILLIMETRIC)  
 ORFS  
 PW  
 RYCOLOK  
 RYCO SUPERLOK  
 SAE (Thread)  
 SAE (Flange)  
 SALVAGE  
 STANDPIPE  
 TUBE BITE  
 UNO (O RING BOSS)

#### Within each alphabetical Thread or Connector Type, the listing order is:

MALE  
 FEMALE  
 SPECIAL FEATURES (live swivel, etc)  
 SPECIAL SEATS (flat, concave, etc)  
 ELBOWS (45° then 90°)  
 TUBE BENDS (in increasing degree of bend from 10° to 110°)

**\*NOTE:** NPT is not in strict alphabetical order. NPT it is similar in concept to BSP and has been placed directly after BSP.

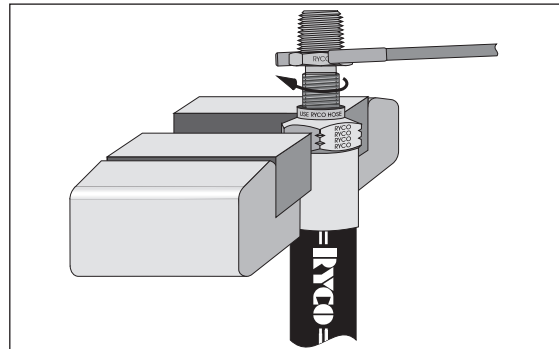
RYCO Hydraulics manufacture hose couplings in many different styles and sizes to match each RYCO hose series, with a wide range of thread and connection types.

Hose Couplings must be carefully matched to the hose. When the hose for an application has been selected, it is crucial that the couplings to be fitted are designed specifically for that hose. This information is listed in this RYCO PRODUCT TECHNICAL MANUAL on the pages for each Hose Series, and also on the pages for each Coupling Series.

**Hose Couplings can be broadly divided into two types:**

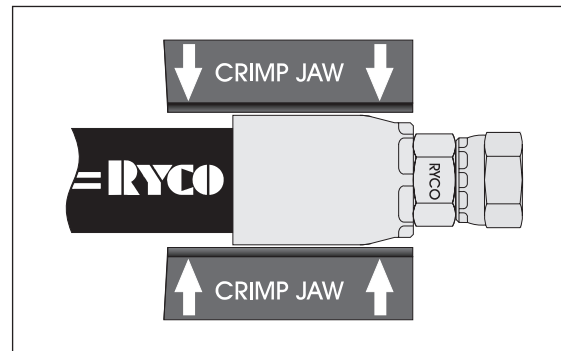
**1) Field Attachable Couplings**

Attached to the hose using commonly available hand tools. Push-On Hose Couplings and Suction and Return Hose Couplings are often classed as Field Attachable couplings.



**2) Crimp, or Swage, Couplings**

Permanently attached to the hose using a crimping, or swaging, machine.



**DO NOT MIX / MATCH HOSE AND COUPLINGS FROM DIFFERENT MANUFACTURERS.**

It is critical that the hose and coupling manufacturer are the same and that they are assembled using the manufacturer's recommended equipment, components and procedures.

**NOTE: Illustrations are indicative only, and are not to scale.**

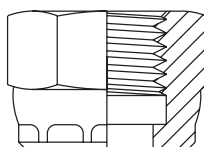
**NOTE: Drop Length (DL) and Cut-off Allowance (C<sub>A</sub>) dimensions shown are for reference only, and may vary according to manufacturing method.**

Female Swivel Nut fittings are typically illustrated as "Crimp Nut", except T702H and T900 Series.

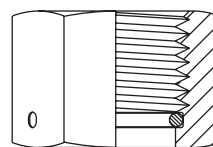
Generally, RYCO Fittings including T900 Series are as follows:

1. BSPP, NPSM, JIC, JIS, ORFS and SAE nuts are "Crimp Nut" up to and including 1.1/4" Hose Size; and "Wire Nut" 1.1/2" and 2" Hose Size.
2. PW and SAE Inverted Flare Male nuts are always "Slip Nut."
3. Metric DKL, DKOL, DKS and DKOS nuts are generally "Crimp Nut" up to and including M36 Size, and are generally "Wire Nut" M42 Size and above.
4. T702H is "Wire Nut".

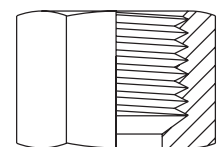
**There are many exceptions to these general rules; for precise information, contact RYCO Hydraulics.**



**CRIMP NUT**



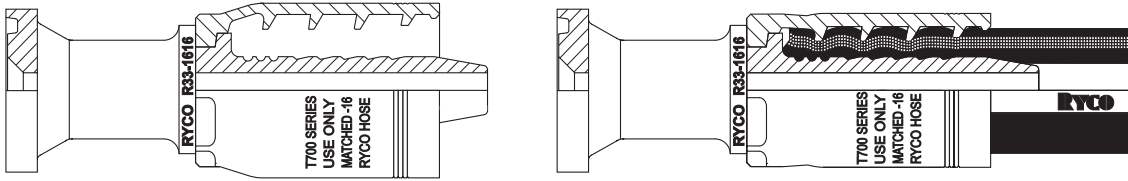
**WIRE NUT**



**SLIP NUT**

## BITELOK ONE-PIECE CRIMP COUPLINGS

RYCO BITELOK Crimp Couplings are permanently attached fittings, assembled onto the hose with a swaging press.



RYCO BITELOK One-Piece Crimp Couplings have the ferrule already attached to the hose insert at the factory. This eliminates the possibility of selecting the wrong ferrule type when fabricating hose assemblies, which can cause failure of the assembly.

Each BITELOK One-Piece Crimp Coupling Series suits specific styles of hose, as shown in the table below. T200, T400 and T700 BITELOK One-Piece Crimp Couplings Series can be used on more than one hose style - only the finished crimp diameter changes.

BITELOK One-Piece Crimp couplings eliminate the need to "skive" the cover off the hose\* before attaching the couplings - even for Spiral reinforced hoses. This makes assembly simple, quick and efficient. Simply push the coupling onto the hose, and crimp the ferrule. The teeth inside the ferrule BITE down though the cover to LOK onto the reinforcement wires\*\*.

See page 81 for Features and Benefits of RYCO BITELOK One-Piece Crimp couplings.

(\*Except Skive Hoses: PW2, TW1. Some sizes of T200 Series can be used on H12 and HSP Spiral Hoses if cover is Skived. Some sizes of T700 Series can be used on H13 Series Hose if cover is skived.)

(\*\*T400 Series for One and Two Braid Textile reinforced hoses do not bite down to the reinforcement.)

BITELOK SERIES	SUITS HOSE TYPE	RYCO HOSE SERIES and SIZES
<b>T200</b>	One and Two Wire Braided Hoses <b>TWO SERIES CODE GROOVES AT END OF FERRULE</b>	For RYCO Hose Series T1A, T2A, T3KA, DF2A, T1D, T2D, T3KD, TXA2D, TJ2D, T2S, RQP1, RQP2, T1F, TW1, PW2, RQG1 up to sizes -20. For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings. For RYCO Hose (cover must be skived) H1206A, H1208A, H1210A, H1206D, H1208D, H1206S, H1208S, HSP04A, HSP06A, HSP08A, HSP10A.
<b>T400</b>	Some One and Two Textile Braided Hoses <b>THREE SERIES CODE GROOVES AT END OF FERRULE</b>	For RYCO Hose Series RT7, RT7N, RT7T, RT7TN sizes -4 to -12. For RYCO Hose Series RT8, RT8N, RT8T, RT8TN sizes -4 to -8. For RYCO Hose Series SR and SRF sizes -12 to -32. For RYCO Hose Series M2 and M2G sizes -4 to -12. For RYCO Hose Series MP1 sizes -4 to -20. For RYCO Hose Series RQP5 and T5 sizes -4 to -12
<b>T700</b>	R12 Spiral Hoses One and Two Wire Braided Hoses <b>FOUR SERIES CODE GROOVES AT END OF FERRULE</b>	For RYCO Hose H12A, H12D and H12S all sizes. For RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, T2S, RQP2 sizes -24 and -32. May be used on RYCO Hose series T1A, T2A, DF2A, T1D, T2D, TXA2D, T2S, RQP1, RQP2, T1F, TW1, PW2 sizes -20 and under. For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A. For RYCO Hose (cover must be skived) H1312A, H1316A, H1320A, H1312D, H1316D, H1320D, H1312S, H1316S, H1320S.
<b>T900</b>	R13 Spiral Hoses <b>SIX SERIES CODE GROOVES AT END OF FERRULE</b>	For RYCO Hose H13A, H13D and H13S all sizes. For RYCO Hose HSH12A, HSH16A. For RYCO Hose H1516D, H1520D.

<b>T201</b> PAGE 102	<b>T201P</b> PAGE 102	<b>T201C</b> PAGE 102	<b>T222</b> PAGE 103/111	<b>T232</b> PAGE 103	<b>T209</b> PAGE 105	<b>T209E</b> PAGE 105	<b>T232N</b> PAGE 106
<b>T401</b> PAGE 124	<b>T401P</b> PAGE 124	<b>T409</b> PAGE 126					
<b>T701</b> PAGE 134	<b>T701H</b> PAGE 134	<b>T701P</b> PAGE 134	<b>T709</b> PAGE 136				<b>T709E</b> PAGE 136
<b>T901</b> PAGE 153	<b>T901P</b> PAGE 153		<b>T909</b> PAGE 153		<b>T909E</b> PAGE 153		

### MALE STRAIGHT

BSPT MALE	BSPT MALE HEAVY	BSPP MALE	BSPP MALE CAPTIVE SEAL	BSPP MALE 60° CONVEX SEAT (JIS)	BSPT MALE SWIVEL	NPT MALE	NPT MALE EXTENDED	NPT MALE SWIVEL



## BITELOK ONE-PIECE CRIMP COUPLINGS (continued)

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	<b>T403</b> PAGE 127				<b>T484</b> PAGE 129				
	<b>T703</b> PAGE 137	<b>T763</b> PAGE 140	<b>T792</b> PAGE 141	<b>T792M</b> PAGE 141	<b>T784</b> PAGE 141	<b>T787</b> PAGE 144	<b>T787S</b> PAGE 144	<b>T787S</b> PAGE 144	
	<b>T903</b> PAGE 154		<b>T963</b> PAGE 155		<b>T987</b> PAGE 156		<b>T987S</b> PAGE 156		
<b>MALE STRAIGHT</b> cont'd									
	JIC MALE	METRIC DKL MALE 24° CONE	METRIC DKS MALE 24° CONE	METRIC FRENCH GAZ MALE	METRIC FRENCH MILLIMETRIC MALE	ORFS MALE	PW GUN HANDLE TUBE	RYCOLOK MALE	RYCO SUPERLOK MALE
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	<b>T453</b> PAGE 131		<b>T474</b> PAGE 131			<b>T475</b> PAGE 131			
			<b>T720</b> PAGE 152			<b>T788</b> PAGE 144			
<b>MALE STRAIGHT</b> cont'd					<b>MALE 45° &amp; 60°</b>				
	SAE MALE	SAE INVERTED MALE FLARE	UN O RING MALE (O RING BOSS)	UN O RING MALE SWIVEL (O RING BOSS)		RYCOLOK MALE 45° ELBOW	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 60° TUBE BEND	
	<b>T234</b> PAGE 103	<b>T234N</b> PAGE 106	<b>T289</b> PAGE 118	<b>T278</b> PAGE 119	<b>T279</b> PAGE 119	<b>T277</b> PAGE 119	<b>T239</b> PAGE 123		
	<b>T477</b> PAGE 131								
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<b>MALE 90°</b>									
	BSPT MALE SWIVEL 90° ELBOW	NPT MALE SWIVEL 90° ELBOW	RYCOLOK MALE 90° ELBOW	SAE INVERTED MALE FLARE 90° ELBOW	SAE INVERTED MALE FLARE 90° EXTENDED ELBOW	SAE INVERTED MALE FLARE 90° TUBE BEND	UN O RING MALE SWIVEL (O RING BOSS) 90° ELBOW		
	<b>T202</b> PAGE 102	<b>T202S</b> PAGE 103	<b>T202F</b> PAGE 103	<b>T212</b> PAGE 103/111	<b>T219</b> PAGE 106	<b>T202N</b> PAGE 106	<b>T286</b> PAGE 107	<b>T204</b> PAGE 108	
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	<b>T702</b> PAGE 134	<b>T702H</b> PAGE 134		<b>T702N</b> PAGE 136		<b>T704</b> PAGE 137			
	<b>T902</b> PAGE 153		<b>T904</b> PAGE 154						
<b>FEMALE STRAIGHT</b>									
	BSPP FEMALE	BSPP FEMALE LIVE SWIVEL	BSPP FEMALE HEAVY	BSPP FEMALE FLAT FACE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	NPT FEMALE FIXED	NPSM FEMALE	GREASE LINE FIXED FEMALE	JIC FEMALE

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								<b>T480</b> PAGE 129
<b>T750</b> PAGE 139	<b>T750R</b> PAGE 139	<b>T771</b> PAGE 140	<b>T771R</b> PAGE 140	<b>T792F</b> PAGE 141	<b>T792N</b> PAGE 141	<b>T768</b> PAGE 138/141	<b>T780</b> PAGE 142	
<b>T971</b> PAGE 155								<b>T980</b> PAGE 155
METRIC DKL FEMALE 24°/60° CONE	METRIC DKOL FEMALE 24° CONE	METRIC DKOL FEMALE 24° CONE	METRIC DKOS FEMALE 24° CONE	METRIC DKOS FEMALE 24° CONE	METRIC FRENCH GAZ FEMALE 24° CONE	METRIC FRENCH MILLIMETRIC FEMALE 24° CONE	METRIC FEMALE 60° CONCAVE SEAT (JIS) KOMATSU	ORFS FEMALE

### FEMALE STRAIGHT cont'd FEMALE 45°

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<b>T454</b> PAGE 131					<b>T425</b> PAGE 128			
			<b>T706</b> PAGE 135	<b>T708</b> PAGE 137	<b>T727</b> PAGE 135	<b>T725</b> PAGE 138		
						<b>T925</b> PAGE 154		
SAE FEMALE	PRESSURE WASHER FEMALE	BSPP FEMALE 45° ELBOW	JIC FEMALE 45° ELBOW	SAE FEMALE 45° ELBOW	BSPP FEMALE 45° TUBE BEND	JIC FEMALE 45° TUBE BEND	METRIC DKL FEMALE 24°/60° CONE 45° TUBE BEND	METRIC DKOL FEMALE 24° CONE 45° TUBE BEND

### FEMALE 45° cont'd FEMALE 90°

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METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	SAE FEMALE 45° TUBE BEND	BSPP FEMALE 90° ELBOW	JIC FEMALE 90° ELBOW	SAE FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND	BSPP FEMALE 90° LONG BEND

### FEMALE 90° cont'd

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JIC FEMALE 90° LONG BEND	METRIC DKL FEMALE 24°/60° CONE 90° TUBE BEND	METRIC DKOL FEMALE 24° CONE 90° TUBE BEND	METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	METRIC FRENCH GAZ FEMALE 24° CONE 90° TUBE BEND	ORFS FEMALE 90° SHORT BEND	ORFS FEMALE 90° MEDIUM BEND	ORFS FEMALE 90° LONG BEND



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JOINER		SALVAGE (LIFESAVER)	IMPERIAL STANDPIPE	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND	METRIC STANDPIPE 90° TUBE BEND				TUBE BITE	
<b>SAE FLANGE CODE 61</b>	<b>T213</b> PAGE 120	<b>T215</b> PAGE 120					<b>T217</b> PAGE 120				
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CODE 61 FLANGE	CODE 61 FLANGE 22.5° TUBE BEND	CODE 61 FLANGE 30° TUBE BEND	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 60° TUBE BEND	CODE 61 FLANGE 67.5° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	CODE 61 FLANGE 90° LONG BEND	CODE 61 FLANGE 110° TUBE BEND			
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	CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND	CODE 62 FLANGE 30° TUBE BEND	CODE 62 FLANGE 45° TUBE BEND	CODE 62 FLANGE 60° TUBE BEND	CODE 62 FLANGE 67.5° TUBE BEND	CODE 62 FLANGE 90° TUBE BEND	CODE 62 FLANGE 110° TUBE BEND			
<b>SPECIAL FLANGE RYCO CODE 62C</b>	<b>T733C</b> PAGE 150	<b>T744C</b> PAGE 150	<b>T745C</b> PAGE 150	<b>T735C</b> PAGE 150	<b>T746C</b> PAGE 150	<b>T736C</b> PAGE 151	<b>T737C</b> PAGE 151	<b>T793C</b> PAGE 151			
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	R62C FLANGE	R62C FLANGE 22.5° TUBE BEND	R62C FLANGE 30° TUBE BEND	R62C FLANGE 45° TUBE BEND	R62C FLANGE 60° TUBE BEND	R62C FLANGE 67.5° TUBE BEND	R62C FLANGE 90° TUBE BEND	R62C FLANGE 110° TUBE BEND			
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STAINLESS STEEL BSPT MALE	STAINLESS STEEL NPT MALE	STAINLESS STEEL BSPP FEMALE	STAINLESS STEEL JIC FEMALE	STAINLESS STEEL RYCOLOK MALE	STAINLESS STEEL BSPP FEMALE 45° TUBE BEND	STAINLESS STEEL BSPP FEMALE 90° TUBE BEND					

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## 6900N BITELOK INTERLOK TWO-PIECE CRIMP COUPLINGS FOR H15D SERIES HOSE

<b>FERRULE</b>	<b>6900N</b> PAGE 162	<b>MALE STRAIGHT</b>						<b>901N</b> PAGE 162	<b>909N</b> PAGE 162	<b>903N</b> PAGE 163	<b>963N</b> PAGE 163	<b>984N</b> PAGE 164
							BSPT MALE	NPT MALE	JIC MALE	METRIC DK5 MALE 24° CONE	ORFS MALE	
<b>FEMALE</b>	<b>902N</b> PAGE 162	<b>904N</b> PAGE 163	<b>971N</b> PAGE 163	<b>980N</b> PAGE 164								
	BSPP FEMALE	JIC FEMALE	METRIC DKOS FEMALE 24° CONE	ORFS FEMALE								
<b>FEMALE 45° &amp; 90°</b>	<b>925N</b> PAGE 163	<b>972N</b> PAGE 164	<b>981N</b> PAGE 164	<b>905N</b> PAGE 162	<b>924N</b> PAGE 163	<b>973N</b> PAGE 164	<b>982N</b> PAGE 164					
	JIC FEMALE 45° TUBE BEND	METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	BSPP FEMALE 90° ELBOW	JIC FEMALE 90° TUBE BEND	METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	ORFS FEMALE 90° MEDIUM BEND					
<b>FLANGE</b>	<b>913N</b> PAGE 165	<b>915N</b> PAGE 165	<b>917N</b> PAGE 165	<b>933N</b> PAGE 166	<b>933CN</b> PAGE 166	<b>935N</b> PAGE 166	<b>935CN</b> PAGE 166	<b>937N</b> PAGE 166				
	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	CODE 62 FLANGE	R62C FLANGE	CODE 62 FLANGE 45° TUBE BEND	R62C FLANGE 45° TUBE BEND	CODE 62 FLANGE 90° TUBE BEND				

## 6900K & 6900T BITELOK TWO-PIECE CRIMP COUPLINGS FOR H13A AND H13D SERIES HOSE

Part Number is for Complete Coupling. Assembly by RYCO Hydraulics - Sold only as fabricated hose assemblies.

<b>FLANGE RYCO CODE 62K SAE CODE 62</b>	<b>6900K</b> PAGE 168	<b>6933K</b> PAGE 168	<b>6910K</b> PAGE 168	<b>6944K</b> PAGE 168	<b>6935K</b> PAGE 168	<b>6935KL</b> PAGE 168	<b>6937K</b> PAGE 168	<b>6933T</b> PAGE 169	<b>6937T</b> PAGE 169
	CRIMP FERRULE (INCLUDED)	RYCO CODE 62K FLANGE	RYCO CODE 62K FLANGE 10° TUBE BEND	RYCO CODE 62K FLANGE 22.5° TUBE BEND	RYCO CODE 62K FLANGE 45° TUBE BEND	RYCO CODE 62K FLANGE 45° LONG BEND	RYCO CODE 62K FLANGE 90° TUBE BEND	CODE 62 FLANGE	CODE 62 FLANGE 90° TUBE BEND

## 1200 BITELOK TWO-PIECE CRIMP COUPLINGS FOR T240A HOSE

<b>1200</b> PAGE 168	<b>201</b> PAGE 168	<b>287</b> PAGE 168	<b>202</b> PAGE 168	<b>204</b> PAGE 168	<b>213</b> PAGE 168	<b>214</b> PAGE 168	<b>215</b> PAGE 168	<b>217</b> PAGE 168
CRIMP FERRULE	BSPT MALE	RYCOLOK MALE	BSPP FEMALE	JIC FEMALE	CODE 61 FLANGE	CODE 61 FLANGE 22.5° TUBE BEND	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND



## 1100 BITELOK TWO-PIECE CRIMP COUPLINGS FOR RTH1 SERIES HOSE

<b>1100</b> PAGE 172	<b>R01</b> PAGE 172	<b>R09</b> PAGE 173	<b>R03</b> PAGE 173	<b>R02</b> PAGE 172	<b>R04</b> PAGE 173	<b>R54</b> PAGE 174	<b>R25</b> PAGE 174	<b>R26</b> PAGE 172	<b>R24</b> PAGE 174
CRIMP FERRULE	BSPT MALE	NPT MALE	JIC MALE	BSPP FEMALE	JIC FEMALE	SAE FEMALE	JIC FEMALE 45° BEND	BSPP FEMALE 90° TUBE BEND	JIC FEMALE 90° TUBE BEND

## 1G00 BITELOK TWO-PIECE CRIMP COUPLINGS FOR FB2 SERIES HOSE

<b>1G00</b> PAGE 175	<b>GP01</b> PAGE 175	<b>GP34</b> PAGE 175	<b>GP02</b> PAGE 175	<b>G54</b> PAGE 176	<b>G58</b> PAGE 176	<b>GP05</b> PAGE 175	<b>GP24</b> PAGE 175	<b>G57</b> PAGE 176	<b>G23</b> PAGE 176
CRIMP FERRULE	PILOT O RING MALE	PILOT O RING MALE 90° ELBOW	PILOT O RING FEMALE	SAE FEMALE	SAE FEMALE 45° ELBOW	PILOT O RING FEMALE 90° ELBOW	PILOT O RING FEMALE 90° ELBOW SHORT	SAE FEMALE 90° ELBOW	SALVAGE (LIFE SAVER)

## 800 PUSH-ON COUPLINGS FOR PL1 AND RQP6 SERIES HOSE

PL1 and RQP6 Hose simply pushes on to 800 Series couplings. Clamps are required for critical applications, and when Working Pressure exceeds 50% of the Maximum Static Working Pressure. Do not overtighten Clamps as this will damage hose.

<b>801</b> PAGE 177	<b>811</b> PAGE 177	<b>809</b> PAGE 178	<b>803 JIC</b> <b>853 SAE</b> PAGE 179	<b>874</b> PAGE 180	<b>820</b> PAGE 181	<b>802</b> PAGE 177	<b>804 JIC</b> <b>854 SAE</b> PAGE 179	<b>806</b> PAGE 177
BSPT MALE	BSPP O RING MALE	NPT MALE	JIC / SAE MALE	SAE INVERTED FLARE MALE	UN O RING MALE (O RING BOSS)	BSPP FEMALE	JIC / SAE FEMALE	BSPP FEMALE 45° ELBOW

<b>805</b> PAGE 177	<b>807 JIC</b> <b>857 SAE</b> PAGE 179	<b>824</b> PAGE 179	<b>890</b> PAGE 179	<b>823</b> PAGE 180	<b>818</b> PAGE 180	<b>864</b> PAGE 180	<b>810</b> PAGE 181
BSPP FEMALE 90° ELBOW	JIC / SAE FEMALE 90° ELBOW	JIC FEMALE 90° TUBE BEND	JOINER	SALVAGE (LIFE SAVER)	IMPERIAL STANDPIPE	METRIC STANDPIPE	200 AIR COUPLING NIPPLE

## 3300 SUCTION AND RETURN COUPLINGS FOR SR AND SRF SERIES HOSE

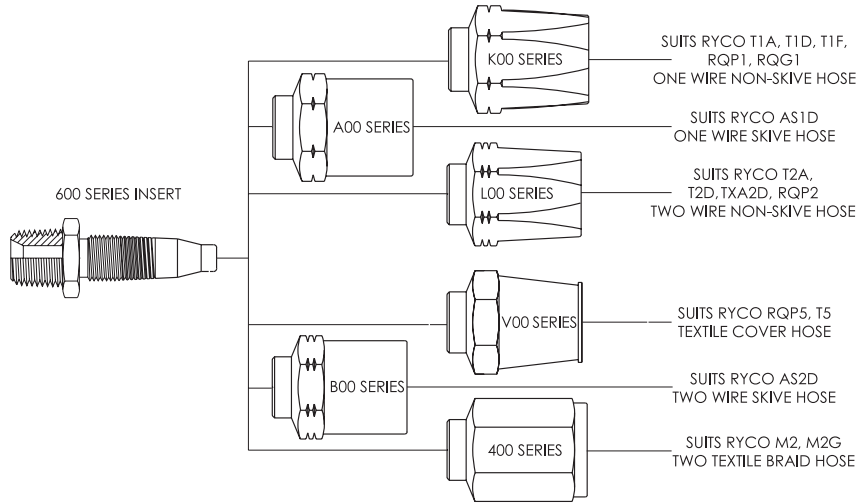
3300 Series Couplings require a suitable Clamp around the outside of the hose.

<b>RSC</b> PAGE 182	<b>3301</b> PAGE 182	<b>3311</b> PAGE 182	<b>3309</b> PAGE 184	<b>3320</b> PAGE 186	<b>3340</b> PAGE 183	<b>3341</b> PAGE 183	<b>3340N</b> PAGE 184	<b>3342</b> PAGE 186
SUCTION HOSE CLAMP	BSPT MALE	BSPP O RING MALE	NPT MALE	UN O RING MALE (O RING BOSS)	BSPT MALE 90° ELBOW	BSPP O RING MALE 90° ELBOW	NPT MALE 90° ELBOW	UN O RING MALE (O RING BOSS) 90° ELBOW

<b>3302</b> PAGE 183	<b>3302F</b> PAGE 183	<b>3304</b> PAGE 184	<b>3313</b> PAGE 185	<b>3315</b> PAGE 185	<b>3317</b> PAGE 185
BSPP FEMALE	BSPP FEMALE FLAT FACE	JIC FEMALE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND

## FIELD ATTACHABLE FERRULES FOR 600 SERIES INSERTS

The RYCO Field Attachable system consists of six ferrule styles, each specific to a hose type, and one common Insert. Field attachable Inserts and Ferrules can be ordered individually, or as a complete coupling for specific hose types.



	<b>A00</b> PAGE 202	<b>B00</b> PAGE 202	<b>K00</b> PAGE 202	<b>L00</b> PAGE 202	<b>V00</b> PAGE 188	<b>400</b> PAGE 202
<b>FERRULES</b>						
	SUITS RYCO AS1D ONE WIRE SKIVE HOSE	SUITS RYCO AS2D TWO WIRE SKIVE HOSE	SUITS RYCO T1A, T1D, T1F, RQP1, RQG1 ONE WIRE NON-SKIVE HOSE	SUITS RYCO T2A, T2D, TXA2D, T2D, RQP2 TWO WIRE NON-SKIVE HOSE	SUITS RYCO RQP5, T5 TEXTILE COVER HOSE	SUITS RYCO M2 TWO TEXTILE BRAID HOSE

## 600 SERIES FIELD ATTACHABLE INSERTS

600 Series Inserts for A00, B00, K00, L00, V00 and 400 ferrules.

Common V00 Series are indicated in parentheses below Insert Group designation eg. (V01)

	<b>601</b> PAGE 204 (V01)	<b>632</b> PAGE 205	<b>609</b> PAGE 208 (V09)	<b>609E</b> PAGE 208	<b>686M</b> PAGE 208	<b>603</b> PAGE 209 (V03)	<b>665</b> PAGE 212	<b>663</b> PAGE 213	<b>653</b> PAGE 215 (V53)
<b>MALE STRAIGHT</b>									
	BSPT MALE	BSPT MALE SWIVEL	NPT MALE	NPT MALE EXTENDED	GREASE LINE MALE	JIC MALE	METRIC DKL MALE 24° CONE	METRIC DKS MALE 24° CONE	SAE MALE

	<b>674</b> PAGE 215 (V74)	<b>620</b> PAGE 219 (V20)	<b>638</b> PAGE 219					
<b>MALE STRAIGHT cont'd</b>								
	SAE INVERTED MALE FLARE	UN O RING MALE (O RING BOSS)	UN O RING MALE SWIVEL (O RING BOSS)					

	<b>675</b> PAGE 216 (V75)	<b>676</b> PAGE 216	<b>634</b> PAGE 205	<b>678</b> PAGE 215	<b>679</b> PAGE 215	<b>639</b> PAGE 219	<b>677</b> PAGE 216 (V77)
<b>MALE 45°, 60° &amp; 90°</b>							
	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 60° TUBE BEND	BSPT MALE SWIVEL 90° ELBOW	SAE INVERTED MALE FLARE 90° ELBOW	SAE INVERTED MALE FLARE 90° EXTENDED ELBOW	UN O RING MALE SWIVEL (O RING BOSS) 90° ELBOW	SAE INVERTED MALE FLARE 90° TUBE BEND



## 600 SERIES FIELD ATTACHABLE INSERTS (continued)

600 Series Inserts for A00, B00, K00, L00, V00 and 400 ferrules.  
Common V00 Series are indicated in parentheses below Insert Group designation eg. (V01)

<b>FEMALE STRAIGHT</b>	<b>602</b> PAGE 204 (V02)	<b>602F</b> PAGE 205	<b>612</b> PAGE 206/211	<b>696</b> PAGE 208	<b>686</b> PAGE 208	<b>604</b> PAGE 209 (V04)	<b>660</b> PAGE 212	<b>671</b> PAGE 213	<b>668</b> PAGE 211/213
	BSPP FEMALE	BSPP FEMALE FLAT FACE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	NPSM FEMALE LIVE SWIVEL	GREASE LINE FIXED FEMALE	JIC FEMALE	METRIC DKL FEMALE 24°/60° CONE	METRIC DKOS FEMALE 24° CONE	METRIC FEMALE 60° CONCAVE SEAT (JIS) KOMATSU
<b>FEMALE STRAIGHT cont'd</b>	<b>680</b> PAGE 214 (V80)	<b>654</b> PAGE 215 (V54)							
	ORFS FEMALE	SAE FEMALE							
<b>FEMALE 45°</b>	<b>606</b> PAGE 206	<b>608</b> PAGE 209	<b>658</b> PAGE 215	<b>627</b> PAGE 207 (V27)	<b>625</b> PAGE 210 (V25)	<b>666</b> PAGE 212	<b>672</b> PAGE 213	<b>681</b> PAGE 214 (V81)	<b>655</b> PAGE 215 (V55)
	BSPP FEMALE 45° ELBOW	JIC FEMALE 45° ELBOW	SAE FEMALE 45° ELBOW	BSPP FEMALE 45° TUBE BEND	JIC FEMALE 45° TUBE BEND	METRIC DKL FEMALE 24°/60° CONE 45° TUBE BEND	METRIC DKOS FEMALE 24° CONE 45° TUBE BEND	ORFS FEMALE 45° TUBE BEND	SAE FEMALE 45° TUBE BEND
<b>FEMALE 90°</b>	<b>605</b> PAGE 206	<b>605F</b> PAGE 205	<b>607</b> PAGE 209 (V07)	<b>657</b> PAGE 215	<b>626</b> PAGE 207 (V26)	<b>621</b> PAGE 207	<b>631</b> PAGE 206/211	<b>624</b> PAGE 210 (V24)	<b>628</b> PAGE 210 (V28)
	BSPP FEMALE 90° ELBOW	BSPP FEMALE FLAT FACE 90° ELBOW	JIC FEMALE 90° ELBOW	SAE FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND	BSPP FEMALE 90° LONG BEND	BSPP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND	JIC FEMALE 90° TUBE BEND	JIC FEMALE 90° LONG BEND
<b>FEMALE 90° cont'd</b>	<b>667</b> PAGE 212	<b>673</b> PAGE 213	<b>682</b> PAGE 214 (V82)	<b>683</b> PAGE 214 (V83)	<b>656</b> PAGE 215 (V56)	<b>656L</b> PAGE 215			
	METRIC DKL FEMALE 24°/60° CONE 90° TUBE BEND	METRIC DKOS FEMALE 24° CONE 90° TUBE BEND	ORFS FEMALE 90° TUBE BEND	ORFS FEMALE 90° LONG BEND	SAE FEMALE 90° TUBE BEND	SAE FEMALE 90° LONG BEND			
<b>SAE FLANGE</b>	<b>613</b> PAGE 216	<b>615</b> PAGE 216	<b>617</b> PAGE 216	<b>SALVAGE/ STANDPIPE</b>			<b>TUBE BITE</b>		
	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND	SALVAGE (LIFESAVER)	IMPERIAL STANDPIPE	METRIC STANDPIPE	TUBE BITE		

“Index by End Style Number” is a quick reference if the End Style Number is already known. It can also be used to show the availability of End Styles in different Coupling Series.

**Example:**

End Style of “33” SAE Code 62 Flange is available in four Series:

**T700 Series – T733** (page 148)

**T900 Series – T933** (page 158)

**6900N Series 933N** (page 166)

**6900T Series – 6933T** (page 169)

**PLEASE NOTE:**

The following Coupling Series are not listed in this table:

1200 see pages 170 & 171

1G00 see pages 175 & 176

END STYLE NO.	END STYLE DESCRIPTION	COUPLING SERIES										
		T200	T400	T700	T900	6900N	6900K 6900T	1100	800	3300	V00	600
PAGE NUMBER												
01	BSPT Male	102	124	134	153	162		172	177	182	190	190,204
01C	BSPP Male Captive Seal	102										
01H	BSPT Male Heavy			134								
01P	BSPP Male	102	124	134	153							
01SS	Stainless Steel BSPT Male	220										
02	BSPP Female	102	125	134	153	162		172	177	183	190	190,204
02F	BSPP Female Flat Face	103								183		205
02H	BSPP Female Heavy			134								
02N	NPSM Female	106	126	136								
02S	BSPP Female Live Swivel	103										
02SS	Stainless Steel BSPP Female	220		222								
03	JIC Male	108	127	137	154	163		173	179		192	192,209
04	JIC Female	108	127	137	154	163		173	179	184	193	193,209
04SS	Stainless Steel JIC Female	221		222								
05	BSPP Female 90° Elbow	104	125	135	153	162			177			206
05F	BSPP Female Flat Face 90° Elbow											205
06	BSPP Female 45° Elbow	104		135					177			206
07	JIC Female 90° Elbow	109		137					179		194	194,209
08	JIC Female 45° Elbow	109		137								209
09	NPT Male	105	126	136	153	162		173	178	184	192	192,208
09E	NPT Male Extended	105		136	153							208
09SS	Stainless Steel NPT Male	221		222								
10	Specials						168 (K)		181			
11	BSPP O Ring Male								177	182		
12	BSPP Female 60° Concave Seat (JIS)	103,111	125,129									206,211
13	SAE Code 61 Flange	120	132	145	157	165				185		216
14	SAE Code 61 Flange 22.5° Tube Bend			145								
15	SAE Code 61 Flange 45° Tube Bend	120	132	146	157	165				185		216
16	SAE Code 61 Flange 67.5° Tube Bend			147								
17	SAE Code 61 Flange 90° Tube Bend	120	132	147	157	165				185		216
17A	SAE Code 61 Flange 90° Special Tube Bend			147								
17B	SAE Code 61 Flange 90° Special Tube Bend			147								
17L	SAE Code 61 Flange 90° Long Tube Bend			147								
18	Imperial Standpipe	121							180			217
19	NPT Female Fixed	106										
20	UN O Ring Male (O Ring Boss)	123		152					181	186	201	201,219
21	BSPP Female 90° Long Tube Bend	104		135								207
22	BSPP Male 60° Convex Seat (JIS)	103,111										
23	Salvage / Lifesaver	121	133	152	161				180		201	201,217
24	JIC Female 90° Tube Bend	110	128	138	154	163		174	179		195	195,210
25	JIC Female 45° Tube Bend	110	128	138	154	163		174			194	194,210
26	BSPP Female 90° Tube Bend	104	125	135	153			172			191	191,207
26SS	Stainless Steel BSPP Female 90° Tube Bend	220										



END STYLE NO.	END STYLE DESCRIPTION	COUPLING SERIES										
		T200	T400	T700	T900	6900N	6900K 6900T	1100	800	3300	V00	600
PAGE NUMBER												
27	BSPP Female 45° Tube Bend	104		135							191	191,207
27SS	Stainless Steel BSPP Female 45° Tube Bend	220										
28	JIC Female 90° Long Tube Bend	110	128	138							195	195,210
29	SAE Code 61 Flange 30° Tube Bend			145								
30	SAE Code 61 Flange 60° Tube Bend			146								
31	BSPP Female 60° Concave (JIS) 90° Tube Bend											206,211
32	BSPT Male Swivel	103										205
32N	NPT Male Swivel	106										
33	SAE Code 62 Flange			148	158	166	169 (T)					
33C	RYCO Code 62C Flange			150	160	166						
33K	RYCO Code 62K Flange						168 (K)					
34	BSPT Male Swivel 90° Elbow	103										205
34N	NPT Male Swivel 90° Elbow	106										
35	SAE Code 62 Flange 45° Tube Bend			148	158	166						
35C	RYCO Code 62C Flange 45° Tube Bend			150	160	166						
35K	RYCO Code 62K Flange 45° Tube Bend						168 (K)					
35KL	RYCO Code 62K Flange 45° Long Tube Bend						168 (K)					
36	SAE Code 62 Flange 67.5° Tube Bend			149	158							
36C	RYCO Code 62C Flange 67.5° Tube Bend			151	161							
37	SAE Code 62 Flange 90° Tube Bend			149	159	166	169 (T)					
37C	RYCO Code 62C Flange 90° Tube Bend			151	161							
37K	RYCO Code 62K Flange 90° Tube Bend						168 (K)					
38	UN O Ring Male Swivel (O Ring Boss)	123										219
39	UN O Ring (Boss) Male Swivel 90° Elbow	123										219
40	BSPT Male 90° Elbow									183		
40N	NPT Male 90° Elbow									184		
41	BSPP O Ring Male 90° Elbow									183		
42	UN O Ring Male 90° Elbow									186		
43	BSPT Male 90° Tube Bend											
44	SAE Code 62 Flange 22.5° Tube Bend			148	158							
44C	RYCO Code 62C Flange 22.5° Tube Bend			150	160							
44K	RYCO Code 62K Flange 22.5° Tube Bend						168 (K)					
45	SAE Code 62 Flange 30° Tube Bend			148	158							
45C	RYCO Code 62C Flange 30° Tube Bend			150	160							
46	SAE Code 62 Flange 60° Tube Bend			148	158							
46C	RYCO Code 62C Flange 60° Tube Bend			150	160							
47												
48												
49												
50	DKOL Female	113		139								
50R	DKOL Female	113		139								
51	DKOL Female 45° Tube Bend	113										
52	DKOL Female 90° Tube Bend	113										
53	SAE Male	118	131						179		198	198,215
54	SAE Female	118	131					174	179		198	198,215
55	SAE Female 45° Tube Bend		131								199	199,215
56	SAE Female 90° Tube Bend		131								199	199,215
56L	SAE Female 90° Long Tube Bend											215
57	SAE Female 90° Elbow	119	131						179			215
58	SAE Female 45° Elbow	119										215
59												

Intro

Hose

Couplings

Adaptors

Accessories

Filters

Technical

END STYLE NO.	END STYLE DESCRIPTION	COUPLING SERIES										
		T200	T400	T700	T900	6900N	6900K 6900T	1100	800	3300	V00	600
PAGE NUMBER												
60	DKL Female	113										212
61	DKM Female 60° Seat											
62	DKS Female											
63	DKS Male	114		140	155	163						213
64	Metric Standpipe	122		152					180			218
64B	Metric Standpipe 45° Tube Bend	122		152								
64C	Metric Standpipe 90° Tube Bend	122		152								
65	DKL Male	112										212
66	DKL Female 45° Tube Bend	113										212
67	DKL Female 90° Tube Bend	113										212
68	Metric Female 60° Concave Seat (JIS)	111,115		138,141								211,213
69	DKS Female 45° Tube Bend											
70	DKS Female 90° Tube Bend											
71	DKOS Female	114		140	155	163						213
71R	DKOS Female	114		140								
72	DKOS Female 45° Tube Bend	114		140	155	164						213
73	DKOS Female 90° Tube Bend	114		140	155	164						213
74	SAE Inverted Flare Male	119	131						180		199	199,215
75	SAE Inverted Flare Male 45° Tube Bend	119	131								200	200,216
76	SAE Inverted Flare Male 60° Tube Bend	119										216
77	SAE Inverted Flare Male 90° Tube Bend	119	131								200	200,216
78	SAE Inverted Flare Male 90° Elbow	119										215
79	SAE Inverted Flare Male 90° Long Elbow	119										215
80	ORFS Female	116	129	142	155	164					196	196,214
81	ORFS Female 45° Tube Bend	116	130	142	155	164					196	196,214
82	ORFS Female 90° Medium Tube Bend	117	130	143	155	164					197	197,214
82S	ORFS Female 90° Short Tube Bend	117		143								
83	ORFS Female 90° Long Tube Bend	117		143							197	197,214
84	ORFS Male	116	129	142		164						
85	Tube Bite	123	133									218
86	Grease Line Fixed Female	107										208
86M	Grease Line Male											208
87	RYCOLOK Male	118		144	156							
87S	RYCO SUPERLOK Male			144	156							
87SS	RYCOLOK Male Stainless Steel	221										
88	RYCOLOK Male 45° Elbow	118		144								
89	RYCOLOK Male 90° Elbow	118		144								
90	Joiner	111		139					180			
91	SAE Code 61 Flange 110° Tube Bend			147	157							
92	Metric French GAZ Male	115		141								
92F	Metric French GAZ Female	115		141								
92G	Metric French GAZ Female 90° Tube Bend	115		141								
92M	Metric French Millimetric Male	115		141								
92N	Metric French Millimetric Female	115		141								
93	SAE Code 62 Flange 110° Tube Bend			149	159							
93C	RYCO Code 62C Flange 110° Tube Bend			151	161							
94	PW Female	117										
95	PW Gun Handle Tube	117										
96	NPSM Female Live Swivel											208
97	Minelok Male											
98	Minelok Female											
99												

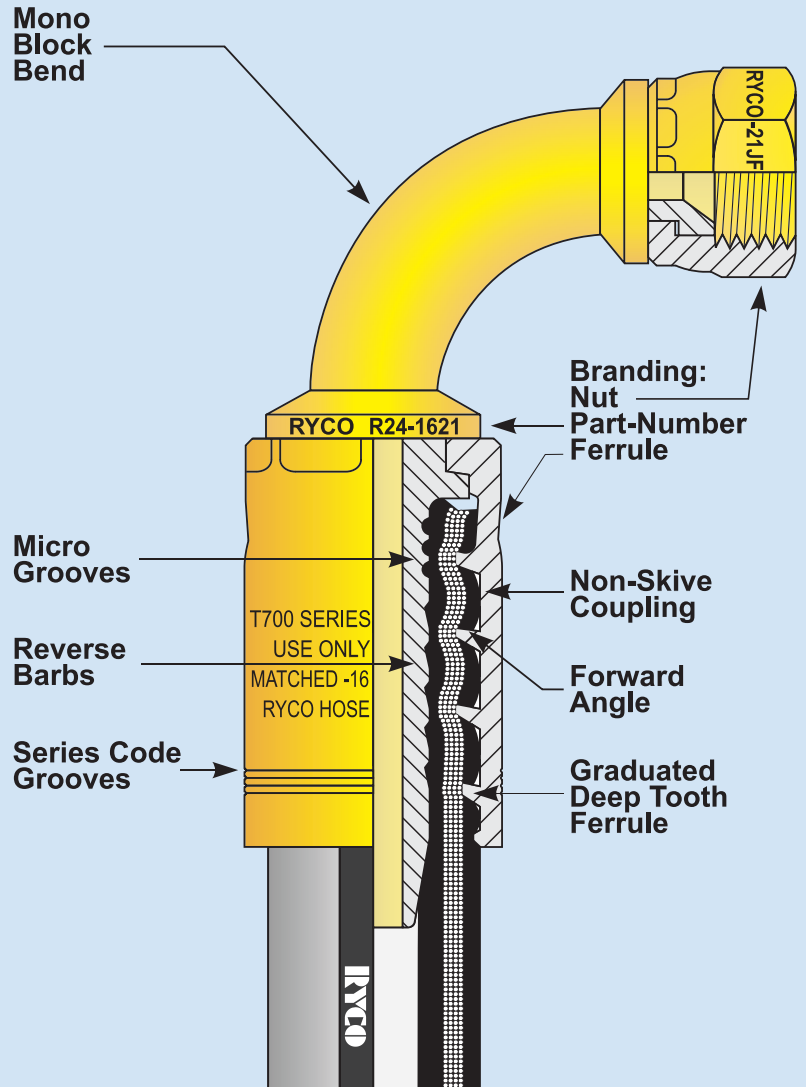
# RYCO BITELOK Couplings

**RYCO BITELOK** One-Piece Non-Skive Crimp Couplings give you Higher Technology and Greater Performance. And when matched with RYCO higher Working Pressure hydraulic hose, your hose assemblies will last longer, give greater impulse life and be able to operate at higher working pressures.

- **Mono Block Bends** are made from a single piece of steel (mono block) and are far superior to and stronger than fabricated welded style constructions. Being of one-piece construction there is no chance of faulty weld or leak path developing.
- **Micro Grooves** improve oil retention. Acting similarly to a series of O Rings, they resist the pressurised seepage of system oil over the life of the hose assembly. Together with reverse barb technology they provide superior sealing properties.
- **Reverse Barb Technology** (non-aggressive barb form) reduces stress of the liner (hose tube) and prevents oil entrapment within the coupling, resulting in excellent sealing without the risk of localised tearing of the liner that can occur with more aggressive sharp-edged barb forms.
- **Series Code Grooves.**
  - 2 Grooves signify T200 Series.
  - 3 Grooves signify T400 Series.
  - 4 Grooves signify T700 Series.
  - 6 Grooves signify T900 Series.
- **Branding:** Female Swivel **Nuts** have their Connector Style, "RYCO", Batch Code and Dash Size branded on them; **Inserts** have their Part-Number, "RYCO" & Batch Code branded on them; **Ferrules** have their Hose Styles, "RYCO" and Batch Code branded on them; providing simple identification, complete traceability and enhancing safety by reducing the risk of error.

If it's not branded - it's not **RYCO**

- **Non-Skive.** The need for skiving on most RYCO hose assembly configurations has been abolished. This is of great advantage when making hose assemblies. Non-Skive hose assemblies save time (and money!) and further reduce risk by eliminating a process.



- **Forward Angle** ferrule teeth grip the hose with a "fish hook" effect providing maximum lock while enhancing compression control. Compression control of the liner (hose tube) is critical to coupling performance. Over compression can cause it to breakdown or crack prematurely, while under compression will result in lower sealing properties.
- **Graduated Deep Tooth Ferrule** provides enormously strong, graduated grip on the hose. Deep teeth easily penetrate through the cover, accommodating it with margin to spare, and then bite powerfully onto the wire reinforcement; resulting in measured, evenly graduated compression.

*"Higher Technology Equals Greater Performance"*

Working Pressure of each Hose Coupling End Style Termination is shown in the Technical section.

In most cases, the Working Pressure of the Hose Coupling End Style Termination that can be chosen for a particular hose exceeds the Maximum Working Pressure of the Hose.

It is possible however, to select a Hose Coupling with an End Style having a lower Working Pressure than the Hose.

In this case, as noted in SAE J516 and SAE J517, the rated Working Pressure of the Hose Assembly must not exceed the lower of the respective Working Pressure rated values.

### EXAMPLE 1.

T28A Hose Assembly with T204-0812 coupling one end and T209-0808 coupling other end.

From page 31, Maximum Working Pressure of T28A is 345 bar.

From page 420, Maximum Working Pressure of T204-0812 is 600 bar.

From page 419, Maximum Working Pressure of T209-0808 is 700 bar.

The Maximum Working Pressure of the Hose Assembly is therefore 345 bar, the lowest of the respective Maximum Working Pressure rated values (in this case, the hose).

### EXAMPLE 2.

H1216D Hose Assembly with T713-1620 coupling one end and T703-1621 coupling other end.

From page 44, Maximum Working Pressure of H1216D is 350 bar.

From page 422, Maximum Working Pressure of T713-1620 is 280 bar.

From page 420, Maximum Working Pressure of T703-1621 is 420 bar.

The Maximum Working Pressure of the Hose Assembly is therefore 280 bar, the lowest of the respective Maximum Working Pressure rated values (in this case, the T713-1620).

### 3300 SERIES COUPLINGS FOR SR AND SRF SERIES HOSE

The Maximum Working Pressure of a SR or SRF Series Hose Assembly depends on the couplings used, and the method of attachment. See pages 58 and 59.

3300 Series Couplings with RSC Clamps are suited to Suction Applications, and Low Pressure Delivery (up to 25% of Maximum Working Pressure of the hose).

T400 Bitelok One-Piece Crimp Couplings are suited to Suction Applications, and High Pressure Delivery (up to 100% of Maximum Working Pressure of the hose).

#### Example:

SRF20 Hose Assembly with 3302-2020 Couplings each end secured with RSC-4347 Clamps.

From page 59, Maximum Working Pressure of SRF20 hose is 14 bar.

From page 419, Maximum Working Pressure of 3302-2020 coupling is 280 bar.

Maximum Working Pressure of the Hose Assembly is 25% of 14 bar = 3,5 bar.

If this Hose Assembly was made with T402-2020 Bitelok One-Piece Crimp Couplings instead:

From page 59, Maximum Working Pressure of SR20 hose is 14 bar.

From page 419, Maximum Working Pressure of T402-2020 coupling is 280 bar.

Maximum Working Pressure of the Hose Assembly is 100% of 14 bar = 14 bar.

### 800 SERIES COUPLINGS FOR PL1 AND RQP6 SERIES HOSE

PL1 and RQP6 Series hose, and 800 Series Push-On Fittings, are recommended for use in systems with Static Working Pressures (constant loads without pressure spikes) only. They are not recommended for vibration or pressure surge applications.

PL1 and RQP6 Series hose should not be used at both maximum working pressure and maximum temperature simultaneously.

800 Series Push-On pages 177 to 181.

Assembly Instructions page 407.

PL1 and RQP6 Series hose simply pushes on to 800 Series Couplings, and for Static Working Pressures up to 50% of Maximum Static Working Pressures a clamp is not required. For diesel fuel and other potentially dangerous or critical applications, and Static Working Pressures above 50% of maximum; a clamp around the hose is required. Do not overtighten clamp as this will damage hose. Factory crimped couplings are also available in some sizes. Contact RYCO for more information.

In this Product Technical Manual, dimensional values for Drop Length (DL) and Cut-off Allowance ( $C_A$ ) are published.

Due to different manufacturing methods and design changes, DL and  $C_A$  values may vary from time to time.

Before attaching couplings to the hose, measure and check that the DL and  $C_A$  dimensions of the actual coupling to be used complies with that published, or is suitable for the application.

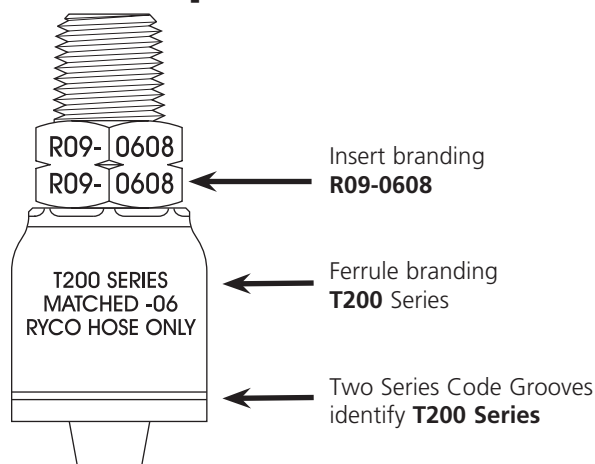


# IMPORTANT BRANDING INFORMATION

## RYCO BITELOK T200, T400 and T700 SERIES COUPLINGS AND R00 SERIES INSERTS

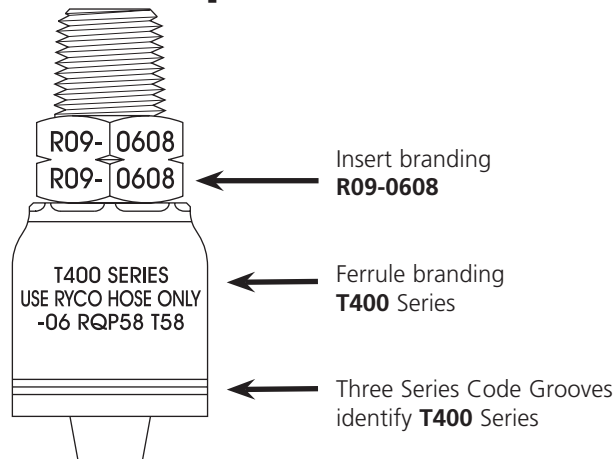
To improve Customer Service, commencing late 2003, branding of **T200, T400, T700** Couplings and **RT200** Inserts was amended to show a universal prefix **"R"** instead of the previous **"Tn"** or **"RT"** prefixes. **T200** has two identification grooves, **T400** has three grooves, and **T700** has four grooves branded on the ferrule (body) of the Couplings signifying their series designation. **1100** ferrule (body for the **R00** insert) has one groove.

### T200 example



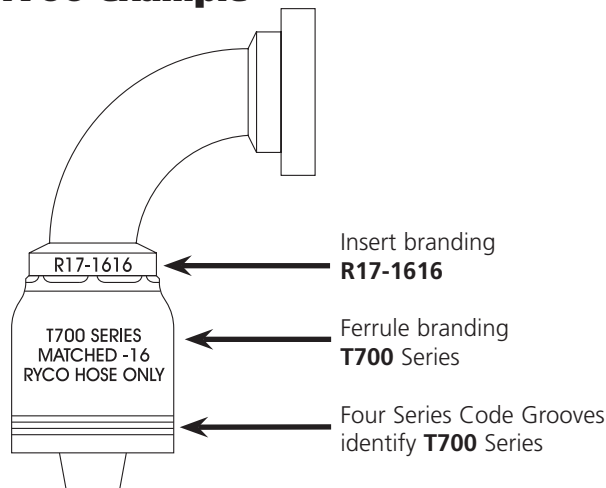
To complete the Part Number for Coupling:  
 Insert Part Branding is **R09-0608**  
 Series is **T200** (from T200 Ferrule Branding or Two Series Code Grooves)  
 Simply replace **"R"** of Insert Part Branding with **"T2"** (first two characters of Series)  
 (replace R with T2) **R09-0608** → **T209-0608**

### T400 example



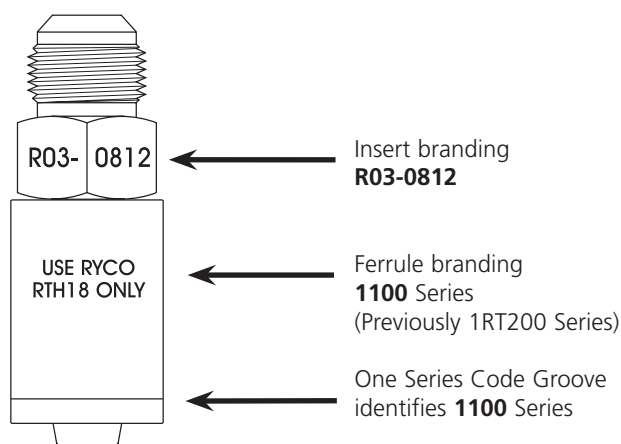
To complete the Part Number for Coupling:  
 Insert Part Branding is **R09-0608**  
 Series is **T400** (from T400 Ferrule Branding or Three Series Code Grooves)  
 Simply replace **"R"** of Insert Part Branding with **"T4"** (first two characters of Series)  
 (replace R with T4) **R09-0608** → **T409-0608**

### T700 example



To complete the Part Number for Coupling:  
 Insert Part Branding is **R17-1616**  
 Series is **T700** (from T700 Ferrule Branding or Four Series Code Grooves)  
 Simply replace **"R"** of Insert Part Branding with **"T7"** (first two characters of Series)  
 (replace R with T7) **R17-1616** → **T717-1616**

### 1100 example



To complete the Part Number for Coupling:  
 Insert Part Branding is **R03-0812**  
 Series is **1100** (from One Series Code Groove)  
 Simply replace **"R"** of Insert Part Number with **"11"** (first two characters of Series)  
 (replace R with 11) **R03-0812** → **1103-0812**

Please note: Part Number for this Insert was previously **RT203-0812**.  
 (Same design, Part Number change only).

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

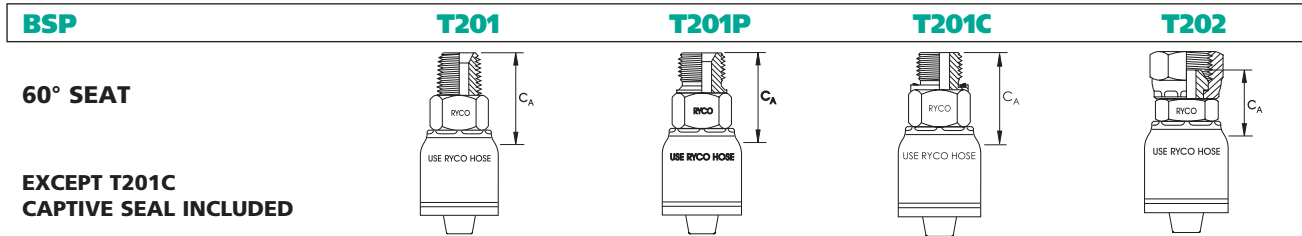
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.



60° SEAT

EXCEPT T201C  
CAPTIVE SEAL INCLUDED

HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE	BSPP MALE	BSPP MALE CAPTIVE SEAL	BSPP FEMALE				
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	1/8	-0302	T201-0302		T201P-0302	26				
6	1/4	1/8	-0402	T201-0402	25					T202-0402	21
6	1/4	1/4	-0404	T201-0404	30	T201P-0404	27	T201C-0404		T202-0404	22
6	1/4	3/8	-0406	T201-0406	30					T202-0406	25
6	1/4	1/2	-0408	T201-0408	32						
8	5/16	1/4	-0504			T201P-0504				T202-0504	22
8	5/16	3/8	-0506	T201-0506		T201P-0506				T202-0506	
8	5/16	1/2	-0508	T201-0508							
10	3/8	1/4	-0604	T201-0604	33					T202-0604	22
10	3/8	3/8	-0606	T201-0606	33	T201P-0606	33	T201C-0606		T202-0606	24
10	3/8	1/2	-0608	T201-0608	38	T201P-0608	32			T202-0608	27
12	1/2	3/8	-0806	T201-0806	35					T202-0806	25
12	1/2	1/2	-0808	T201-0808	40	T201P-0808	31	T201C-0808		T202-0808	26
12	1/2	5/8	-0810	T201-0810	40	T201P-0810					
12	1/2	3/4	-0812							T202-0812	30
16	5/8	1/2	-1008	T201-1008	41					T202-1008	27
16	5/8	5/8	-1010	T201-1010	41	T201P-1010	34			T202-1010	26
16	5/8	3/4	-1012	T201-1012	41					T202-1012	28
19	3/4	3/4	-1212	T201-1212	41	T201P-1212	40	T201C-1212		T202-1212	28
25	1	1	-1616	T201-1616	48	T201P-1616	45	T201C-1616		T202-1616	33
25	1	1.1/4	-1620							T202-1620	41
31	1.1/4	1	-2016								
31	1.1/4	1.1/4	-2020	T201-2020	53	T201P-2020	51	T201C-2020		T202-2020	41
38	1.1/2	1.1/2	-2424	T701-2424	55	T701P-2424	55			T702-2424	45
51	2	2	-3232	T701-3232	66	T701P-3232	67			T702-3232	54

Stainless Steel **T201SS**, Stainless Steel **T202SS**, see page 220.

Stainless Steel **T702SS**, see page 222.

# T200 Bitelok One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

BSP				T232		T234			T202S	
<b>60° SEAT</b>										
HOSE SIZE	THREAD SIZE	DASH SIZE		BSPT MALE SWIVEL	C <sub>A</sub>	BSPP MALE SWIVEL 90° ELBOW	C <sub>A</sub>	DL	BSPP FEMALE LIVE SWIVEL	C <sub>A</sub>
6	1/4	1/4	-0404						T202S-0404	40
10	3/8	1/4	-0604						T202S-0604	41
10	3/8	3/8	-0606	T232-0606	44	T234-0606	23	44		
10	3/8	1/2	-0608	T232-0608	49	T234-0608	23	48		
12	1/2	1/2	-0808	T232-0808	47	T234-0808	29	50		
19	3/4	3/4	-1212			T234-1212	30	54		

These "Live Swivel" T232, T234 and T202S Series Couplings are for Maximum Working Pressure:

- 420 bar (6000 psi) -04 Hose Size
- 350 bar (5100 psi) -06 Hose Size
- 280 bar (4060 psi) -08 & -12 Hose Size

Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

BSP				T202F		T222		T212	
<b>SPECIAL SEATS</b>									
HOSE SIZE	THREAD SIZE	DASH SIZE		BSPP FEMALE FLAT FACE	C <sub>A</sub>	BSPP MALE 60° CONVEX SEAT (JIS)	C <sub>A</sub>	BSPP FEMALE 60° CONCAVE SEAT (JIS)	C <sub>A</sub>
6	1/4	1/4	-0404					T212-0404	21
10	3/8	3/8	-0606			T222-0606	35	T212-0606	25
10	3/8	1/2	-0608	T202F-0608	22			T212-0608	26
12	1/2	1/2	-0808	T202F-0808	22	T222-0808	39	T212-0808	25
16	5/8	5/8	-1010						
19	3/4	3/4	-1212					T212-1212	26
25	1	1	-1616					T212-1616	32

**Please note:** These T222 and T212 Series Couplings are also listed in the METRIC section on page 111.

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

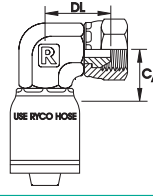
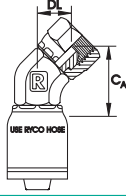
For RYCO Hose T240A, use 1200 Series Couplings.

### BSP

### T206

### T205

60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW			BSPP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	T206-0404	30	15	T205-0404	21	24
6	1/4	3/8	-0406				T205-0406	21	28
8	5/16	3/8	-0506				T205-0506		
10	3/8	3/8	-0606	T206-0606	36	18	T205-0606	23	28
10	3/8	1/2	-0608				T205-0608	23	31
12	1/2	1/2	-0808	T206-0808	40	18	T205-0808	29	31
16	5/8	5/8	-1010						
19	3/4	3/4	-1212	T206-1212	44	20	T205-1212	30	36
25	1	1	-1616	T206-1616	51	23	T205-1616	32	40
31	1.1/4	1.1/4	-2020	T206-2020	42	25	T205-2020	41	47
38	1.1/2	1.1/2	-2424				T705-2424	60	59
51	2	2	-3232				T705-3232	56	62

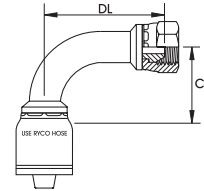
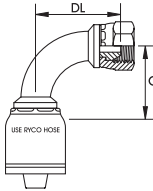
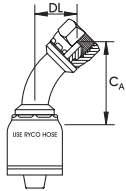
### BSP

### T227

### T226

### T221

60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND			BSPP FEMALE 90° LONG BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	T227-0404	33	15	T226-0404	26	30	T221-0404	53	48
6	1/4	3/8	-0406				T226-0406	26	29			
8	5/16	1/4	-0504				T226-0504					
8	5/16	3/8	-0506	T227-0506			T226-0506					
10	3/8	3/8	-0606	T227-0606	44	19	T226-0606	35	34	T221-0606	47	55
10	3/8	1/2	-0608	T227-0608	43	18	T226-0608	35	30			
12	1/2	1/2	-0808	T227-0808	57	20	T226-0808	39	49	T221-0808	62	68
12	1/2	5/8	-0810				T226-0810	50	51			
16	5/8	5/8	-1010	T227-1010	57	24	T226-1010	44	48			
19	3/4	3/4	-1212	T227-1212	70	31	T226-1212	55	56	T221-1212	61	67
25	1	1	-1616	T227-1616	83	34	T226-1616	69	75	T221-1616	69	75
31	1.1/4	1	-2016				T226-2016	70	78			
31	1.1/4	1.1/4	-2020	T227-2020	107	41	T226-2020	86	92	T221-2020		
38	1.1/2	1.1/2	-2424	T227-2424	166	93	T226-2424	120	148			
51	2	2	-3232	T227-3232	206	118	T226-3232	131	192			

Stainless Steel T227SS, T226SS, see page 220.



# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

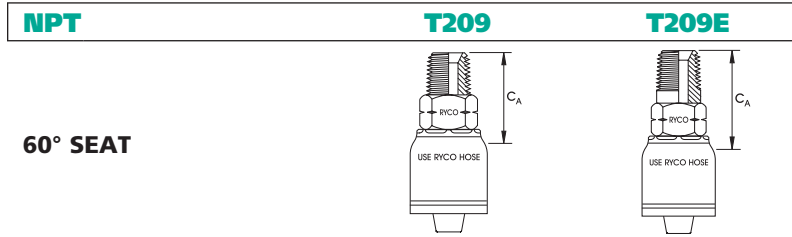
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.



60° SEAT

HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	1/8	-0302	<b>T209-0302</b>	24		
5	3/16	1/4	-0304	<b>T209-0304</b>	30		
6	1/4	1/8	-0402	<b>T209-0402</b>	25		
6	1/4	1/4	-0404	<b>T209-0404</b>	30		
6	1/4	3/8	-0406	<b>T209-0406</b>	30	<b>T209E-0406</b>	38
6	1/4	1/2	-0408	<b>T209-0408</b>	32		
8	5/16	1/4	-0504	<b>T209-0504</b>	30		
8	5/16	3/8	-0506	<b>T209-0506</b>	30		
10	3/8	1/4	-0604	<b>T209-0604</b>	33		
10	3/8	3/8	-0606	<b>T209-0606</b>	33	<b>T209E-0606</b>	
10	3/8	1/2	-0608	<b>T209-0608</b>	38		
12	1/2	3/8	-0806	<b>T209-0806</b>	35		
12	1/2	1/2	-0808	<b>T209-0808</b>	40		
12	1/2	3/4	-0812	<b>T209-0812</b>	37		
16	5/8	1/2	-1008	<b>T209-1008</b>	41		
16	5/8	3/4	-1012	<b>T209-1012</b>	41		
19	3/4	1/2	-1208	<b>T209-1208</b>	41		
19	3/4	3/4	-1212	<b>T209-1212</b>	41		
19	3/4	1	-1216	<b>T209-1216</b>	43		
25	1	3/4	-1612	<b>T209-1612</b>	43		
25	1	1	-1616	<b>T209-1616</b>	48		
25	1	1.1/4	-1620	<b>T209-1620</b>	46		
31	1.1/4	1	-2016	<b>T209-2016</b>	52		
31	1.1/4	1.1/4	-2020	<b>T209-2020</b>	53		
38	1.1/2	1.1/2	-2424	<b>T709-2424</b>	55		
51	2	2	-3232	<b>T709-3232</b>	66	<b>T709E-3232</b>	107

Stainless Steel **T209SS**, see page 221.

Stainless Steel **T709SS**, see page 222.

Intro

Hose

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## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

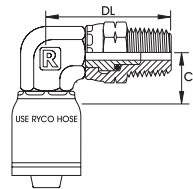
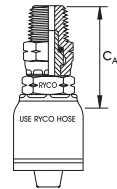
For RYCO Hose T240A, use 1200 Series Couplings.

### NPT

#### T232N

#### T234N

60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE SWIVEL		NPT MALE SWIVEL 90° ELBOW		
DN	inch	inch		PART NO	CA	PART NO	CA	DL
6	1/4	1/8	-0402					
6	1/4	1/4	-0404	<b>T232N-0404</b>	42	<b>T234N-0404</b>	21	41
6	1/4	3/8	-0406	<b>T232N-0406</b>	45			
10	3/8	1/4	-0604	<b>T232N-0604</b>	42			
10	3/8	3/8	-0606	<b>T232N-0606</b>	46	<b>T234N-0606</b>	23	45
10	3/8	1/2	-0608	<b>T232N-0608</b>	50			
12	1/2	3/8	-0806	<b>T232N-0806</b>	45			
12	1/2	1/2	-0808	<b>T232N-0808</b>	49	<b>T234N-0808</b>	29	51
19	3/4	3/4	-1212	<b>T232N-1212</b>	53	<b>T234N-1212</b>	30	55
25	1	1	-1616	<b>T232N-1616</b>	66	<b>T234N-1616</b>	32	73

These "Live Swivel" **T232N** and **T234N** Series Couplings are for Maximum Working Pressure:

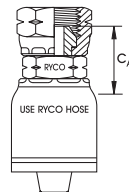
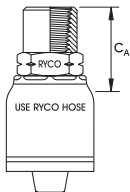
- 420 bar (6000 psi) -04 Hose Size
- 350 bar (5100 psi) -06 Hose Size
- 280 bar (4060 psi) -08 & -12 Hose Size
- 215 bar (3100 psi) -16 Hose Size

Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

### NPT

#### T219

#### T202N



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT FIXED FEMALE		NPSM FEMALE	
DN	inch	inch		PART NO	CA	PART NO	CA
6	1/4	1/8	-0402				
6	1/4	1/4	-0404	<b>T219-0404</b>	26	<b>T202N-0404</b>	22
6	1/4	3/8	-0406	<b>T219-0406</b>	28		
10	3/8	1/4	-0604			<b>T202N-0604</b>	22
10	3/8	3/8	-0606	<b>T219-0606</b>	29	<b>T202N-0606</b>	24
10	3/8	1/2	-0608	<b>T219-0608</b>	33	<b>T202N-0608</b>	27
12	1/2	3/8	-0806	<b>T219-0806</b>	28		
12	1/2	1/2	-0808	<b>T219-0808</b>	34	<b>T202N-0808</b>	26
12	1/2	3/4	-0812				
16	5/8	1/2	-1008				
16	5/8	3/4	-1012				
19	3/4	3/4	-1212	<b>T219-1212</b>	37	<b>T202N-1212</b>	28
25	1	1	-1616			<b>T202N-1616</b>	32
31	1.1/4	1.1/4	-2020			<b>T202N-2020</b>	41
38	1.1/2	1.1/2	-2424			<b>T702N-2424</b>	45
51	2	2	-3232			<b>T702N-3232</b>	54

# T200 BITELOK One-Piece Crimp Couplings



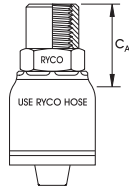
## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

### GREASE LINE T286



HOSE SIZE		THREAD SIZE	DASH SIZE	GREASE LINE FIXED FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/2-27TPI	-0408	<b>T286-0408</b>	23

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## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

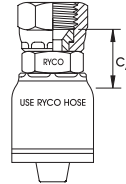
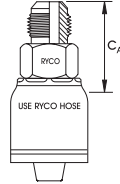
For RYCO Hose T240A, use 1200 Series Couplings.

## JIC

### T203

### T204

## 37° FLARE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE
DN	inch	inch	inch		PART NO	PART NO
					C <sub>A</sub>	C <sub>A</sub>
5	3/16	7/16	1/4	-0307		T204-0307
6	1/4	7/16	1/4	-0407	T203-0407	T204-0407
6	1/4	1/2	5/16	-0408	T203-0408	T204-0408
6	1/4	9/16	3/8	-0409	T203-0409	T204-0409
6	1/4	3/4	1/2	-0412	T203-0412	T204-0412
8	5/16	1/2	5/16	-0508	T203-0508	T204-0508
8	5/16	9/16	3/8	-0509	T203-0509	T204-0509
10	3/8	7/16	1/4	-0607		T204-0607
10	3/8	9/16	3/8	-0609	T203-0609	T204-0609
10	3/8	3/4	1/2	-0612	T203-0612	T204-0612
10	3/8	7/8	5/8	-0614	T203-0614	T204-0614
12	1/2	9/16	3/8	-0809		T204-0809
12	1/2	3/4	1/2	-0812	T203-0812	T204-0812
12	1/2	7/8	5/8	-0814	T203-0814	T204-0814
12	1/2	1.1/16	3/4	-0817	T203-0817	T204-0817
16	5/8	3/4	1/2	-1012		T204-1012
16	5/8	7/8	5/8	-1014	T203-1014	T204-1014
16	5/8	1.1/16	3/4	-1017	T203-1017	T204-1017
19	3/4	7/8	5/8	-1214		T204-1214
19	3/4	1.1/16	3/4	-1217	T203-1217	T204-1217
19	3/4	1.3/16	7/8	-1219	T203-1219	T204-1219
19	3/4	1.5/16	1	-1221	T203-1221	T204-1221
25	1	1.1/16	3/4	-1617		T204-1617
25	1	1.5/16	1	-1621	T203-1621	T204-1621
25	1	1.5/8	1.1/4	-1626	T203-1626	
31	1.1/4	1.5/8	1.1/4	-2026	T203-2026	T204-2026
38	1.1/2	1.7/8	1.1/2	-2430	T703-2430	T704-2430
51	2	2.1/2	2	-3240	T703-3240	T704-3240

Stainless Steel **T204SS**, see page 221.

Stainless Steel **T704SS**, see page 222



# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

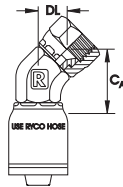
## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

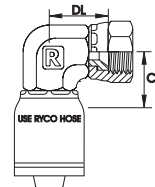
### JIC

37° FLARE

T208



T207



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° ELBOW			JIC FEMALE 90° ELBOW		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307				T207-0307	22	18
6	1/4	7/16	1/4	-0407	T208-0407	28	13	T207-0407	21	18
6	1/4	1/2	5/16	-0408	T208-0408	28	13	T207-0408	21	17
6	1/4	9/16	3/8	-0409	T208-0409	28	13	T207-0409	21	22
6	1/4	3/4	1/2	-0412						
10	3/8	9/16	3/8	-0609	T208-0609	32	14	T207-0609	23	23
10	3/8	3/4	1/2	-0612	T208-0612	33	15	T207-0612	23	24
10	3/8	7/8	5/8	-0614						
12	1/2	3/4	1/2	-0812	T208-0812	37	16	T207-0812	29	27
12	1/2	7/8	5/8	-0814	T208-0814	38	17	T207-0814	29	28
12	1/2	1.1/16	3/4	-0817				T207-0817	29	30
16	5/8	7/8	5/8	-1014						
16	5/8	1.1/16	3/4	-1017						
19	3/4	7/8	5/8	-1214						
19	3/4	1.1/16	3/4	-1217	T208-1217	41	17	T207-1217	30	30
19	3/4	1.3/16	7/8	-1219						
19	3/4	1.5/16	1	-1221						
25	1	1.1/16	3/4	-1617						
25	1	1.5/16	1	-1621	T208-1621	48	21	T207-1621	32	36
31	1.1/4	1.5/8	1.1/4	-2026						
38	1.1/2	1.7/8	1.1/2	-2430						
51	2	2.1/2	2	-3240						

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## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

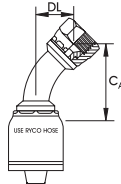
For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

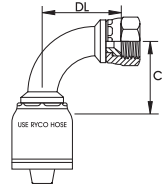
For RYCO Hose T240A, use 1200 Series Couplings.

## JIC

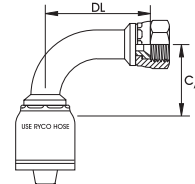
### T225



### T224



### T228



## 37° FLARE

HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL		
6	1/4	7/16	1/4	-0407	<b>T225-0407</b>	32	15	<b>T224-0407</b>	26	26	<b>T228-0407</b>	53	48		
6	1/4	1/2	5/16	-0408	<b>T225-0408</b>	32	13	<b>T224-0408</b>	26	30					
6	1/4	9/16	3/8	-0409	<b>T225-0409</b>	32	15	<b>T224-0409</b>	25	30	<b>T228-0409</b>	53	48		
6	1/4	3/4	1/2	-0412											
8	5/16	9/16	3/8	-0509	<b>T225-0509</b>			<b>T224-0509</b>							
10	3/8	9/16	3/8	-0609	<b>T225-0609</b>	38	16	<b>T224-0609</b>	34	25	<b>T228-0609</b>	47	55		
10	3/8	3/4	1/2	-0612	<b>T225-0612</b>	41	16	<b>T224-0612</b>	35	29	<b>T228-0612</b>	47	63		
10	3/8	7/8	5/8	-0614											
12	1/2	3/4	1/2	-0812	<b>T225-0812</b>	55	20	<b>T224-0812</b>	38	45	<b>T228-0812</b>	61	62		
12	1/2	7/8	5/8	-0814	<b>T225-0814</b>	56	20	<b>T224-0814</b>	40	47	<b>T228-0814</b>	63	66		
12	1/2	1.1/16	3/4	-0817	<b>T225-0817</b>			<b>T224-0817</b>							
16	5/8	7/8	5/8	-1014	<b>T225-1014</b>	56	26	<b>T224-1014</b>	45	49	<b>T228-1014</b>	50	70		
16	5/8	1.1/16	3/4	-1017	<b>T225-1017</b>	57	22	<b>T224-1017</b>	44	49	<b>T228-1017</b>	50	70		
19	3/4	7/8	5/8	-1214				<b>T224-1214</b>	55	51					
19	3/4	1.1/16	3/4	-1217	<b>T225-1217</b>	66	27	<b>T224-1217</b>	54	62	<b>T228-1217</b>	61	88		
19	3/4	1.3/16	7/8	-1219											
19	3/4	1.5/16	1	-1221	<b>T225-1221</b>	70	31	<b>T224-1221</b>	55	55					
25	1	1.1/16	3/4	-1617											
25	1	1.5/16	1	-1621	<b>T225-1621</b>	81	34	<b>T224-1621</b>	71	69	<b>T228-1621</b>	69	75		
25	1	1.5/8	1.1/4	-1626				<b>T224-1626</b>	69	68					
31	1.1/4	1.5/8	1.1/4	-2026	<b>T225-2026</b>	103	46	<b>T224-2026</b>	84	93	<b>T228-2026</b>	73	91		
38	1.1/2	1.7/8	1.1/2	-2430	<b>T225-2430</b>	139	56	<b>T224-2430</b>	120	102					
51	2	2.1/2	2	-3240	<b>T225-3240</b>	152	64	<b>T224-3240</b>	131	130					

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP MALE 60° CONVEX SEAT (JIS)	BSPP FEMALE 60° CONCAVE SEAT (JIS)
DN	inch	inch		PART NO	PART NO
6	1/4	1/4	-0404		<b>T212-0404</b>
10	3/8	3/8	-0606	<b>T222-0606</b>	<b>T212-0606</b>
10	3/8	1/2	-0608		<b>T212-0608</b>
12	1/2	1/2	-0808	<b>T222-0808</b>	<b>T212-0808</b>
16	5/8	5/8	-1010		
19	3/4	3/4	-1212		<b>T212-1212</b>
25	1	1	-1616		<b>T212-1616</b>

**Please note:** These T222 and T212 Series Couplings are also listed in the BSP section on page 103.

HOSE SIZE	THREAD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)
DN	inch	mm	PART NO
6	1/4	14x1,5	<b>T268-0414</b>
8	5/16	16x1,5	<b>T268-0516</b>
10	3/8	18x1,5	<b>T268-0618</b>
10	3/8	22x1,5	<b>T268-0622</b>
12	1/2	22x1,5	<b>T268-0822</b>
12	1/2	24x1,5	<b>T268-0824</b>
16	5/8	24x1,5	<b>T268-1024</b>
16	5/8	30x1,5	<b>T268-1030</b>
19	3/4	24x1,5	<b>T268-1224</b>
19	3/4	30x1,5	<b>T268-1230</b>
19	3/4	33x1,5	<b>T268-1233</b>
25	1	33x1,5	<b>T268-1633</b>
31	1.1/4	36x1,5	<b>T268-2036</b>
31	1.1/4	42x1,5	<b>T268-2042</b>

**Please note:** These T268 Series Couplings are also listed in the METRIC section on page 115.

HOSE SIZE	DASH SIZE	JOINER
DN	inch	PART NO
6	1/4	<b>T290-0404</b>
8	5/16	<b>T290-0505</b>
10	3/8	<b>T290-0606</b>
12	1/2	<b>T290-0808</b>
16	5/8	<b>T290-1010</b>
19	3/4	<b>T290-1212</b>
25	1	<b>T290-1616</b>
31	1.1/4	<b>T790-2020</b>
38	1.1/2	<b>T790-2424</b>
51	2	<b>T790-3232</b>

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

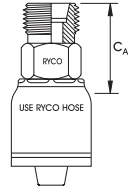
For RYCO Hose T240A, use 1200 Series Couplings.

### METRIC

### T265

DKL  
METRIC (LIGHT)

24° CONE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKL MALE 24° CONE	
DN	inch	mm	mm		PART NO	C <sub>A</sub>
6	1/4	12x1,5	6	-0412	<b>T265-0412</b>	25
6	1/4	14x1,5	8	-0414	<b>T265-0414</b>	25
6	1/4	16x1,5	10	-0416		
8	5/16	16x1,5	10	-0516	<b>T265-0516</b>	29
8	5/16	18x1,5	12	-0518	<b>T265-0518</b>	
10	3/8	16x1,5	10	-0616	<b>T265-0616</b>	29
10	3/8	18x1,5	12	-0618	<b>T265-0618</b>	29
10	3/8	22x1,5	15	-0622	<b>T265-0622</b>	25
12	1/2	22x1,5	15	-0822	<b>T265-0822</b>	28
12	1/2	26x1,5	18	-0826	<b>T265-0826</b>	32
16	5/8	26x1,5	18	-1026	<b>T265-1026</b>	29
16	5/8	30x2,0	22	-1030		
19	3/4	26x1,5	18	-1226		
19	3/4	30x2,0	22	-1230	<b>T265-1230</b>	31
19	3/4	36x2,0	28	-1236		
25	1	36x2,0	28	-1636	<b>T265-1636</b>	37

# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

METRIC				T260		T266		T267				
<b>DKL METRIC (LIGHT)</b>												
RYCO DKL Female Swivels up to M26 size have Multiseal DKL 24° and DKM 60° Cone. M30 and over have DKL 24° Cone only.												
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKL FEMALE 24°/60° CONE	DKL FEMALE 24°/60° CONE 45° TUBE BEND	DKL FEMALE 24°/60° CONE 90° TUBE BEND						
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	12x1,5	6	-0412	T260-0412	25	T266-0412	36	18	T267-0412	31	35
6	1/4	14x1,5	8	-0414	T260-0414	24	T266-0414	36	17	T267-0414	27	33
6	1/4	16x1,5	10	-0416	T260-0416	27				T267-0416	25	37
8	5/16	16x1,5	10	-0516	T260-0516	25	T266-0516	37	17	T267-0516	29	35
8	5/16	18x1,5	12	-0518	T260-0518	25						
10	3/8	16x1,5	10	-0616	T260-0616	26	T266-0616	45	20	T267-0616	35	34
10	3/8	18x1,5	12	-0618	T260-0618	26	T266-0618	45	20	T267-0618	35	34
10	3/8	22x1,5	15	-0622								
12	1/2	22x1,5	15	-0822	T260-0822	31	T266-0822	60	26	T267-0822	39	47
12	1/2	26x1,5	18	-0826	T260-0826	33	T266-0826	50	22	T267-0826	37	44
16	5/8	26x1,5	18	-1026	T260-1026	30	T266-1026	60	26	T267-1026	44	53
19	3/4	30x2,0	22	-1230	T260-1230	34	T266-1230	73	34	T267-1230	55	60
25	1	36x2,0	28	-1636	T260-1636	36	T266-1636	82	33	T267-1636	69	73
31	1.1/4	45x2,0	35	-2045	T260-2045	42						

METRIC				T250		T250R		T251		T252				
<b>DKOL METRIC O RING (LIGHT)</b>														
24° CONE														
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKOL FEMALE 24° CONE	DKOL FEMALE 24° CONE	DKOL FEMALE 24° CONE 45° TUBE BEND	DKOL FEMALE 24° CONE 90° TUBE BEND							
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
6	1/4	12x1,5	6	-0412	T250-0412	24	T250R-0412	21	T251-0412	35	17	T252-0412	26	32
6	1/4	14x1,5	8	-0414	T250-0414	24	T250R-0414	21	T251-0414	35	17	T252-0414	26	32
6	1/4	16x1,5	10	-0416	T250-0416	25	T250R-0416	23						
8	5/16	14x1,5	8	-0514	T250-0514		T250R-0514	22						
8	5/16	16x1,5	10	-0516	T250-0516		T250R-0516	23	T251-0516	34	16	T252-0516	25	30
8	5/16	18x1,5	12	-0518	T250-0518		T250R-0518	23	T251-0518	34	17	T252-0518	25	31
10	3/8	16x1,5	10	-0616	T250-0616	26	T250R-0616	23	T251-0616	45	20	T252-0616	35	34
10	3/8	18x1,5	12	-0618	T250-0618	27	T250R-0618	24	T251-0618	45	20	T252-0618	35	34
12	1/2	22x1,5	15	-0822	T250-0822		T250R-0822	26	T251-0822	59	22	T252-0822	38	46
12	1/2	26x1,5	18	-0826	T250-0826		T250R-0826	29	T251-0826	58	22	T252-0826	38	46
16	5/8	26x1,5	18	-1026	T250-1026		T250R-1026	28	T251-1026	61	29	T252-1026	44	54
19	3/4	26x1,5	18	-1226			T250R-1226	28						
19	3/4	30x2,0	22	-1230	T250-1230		T250R-1230	28	T251-1230	73	35	T252-1230	55	61
25	1	36x2,0	28	-1636	T250-1636		T250R-1636	33	T251-1636	87	38	T252-1636	69	59
31	1.1/4	45x2,0	35	-2045	T750-2045		T750R-2045	35						
38	1.1/2	52x2,0	42	-2452	T750-2452		T750R-2452	35						



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.

### METRIC

### T263

**DKS  
METRIC (HEAVY)**



**24° CONE**

HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	PART NO	C <sub>A</sub>
6	1/4	14x1,5	6	-0414		
6	1/4	16x1,5	8	-0416	<b>T263-0416</b>	27
6	1/4	18x1,5	10	-0418	<b>T263-0418</b>	23
8	5/16	20x1,5	12	-0520	<b>T263-0520</b>	
10	3/8	20x1,5	12	-0620	<b>T263-0620</b>	30
10	3/8	22x1,5	14	-0622	<b>T263-0622</b>	29
12	1/2	24x1,5	16	-0824	<b>T263-0824</b>	30
16	5/8	30x2,0	20	-1030	<b>T263-1030</b>	31
19	3/4	30x2,0	20	-1230	<b>T263-1230</b>	35
19	3/4	36x2,0	25	-1236	<b>T263-1236</b>	37
25	1	42x2,0	30	-1642	<b>T263-1642</b>	43
31	1.1/4	52x2,0	38	-2052	<b>T263-2052</b>	47

### METRIC

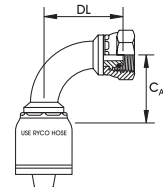
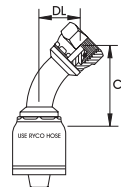
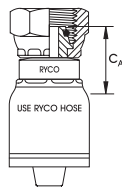
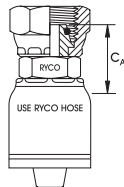
### T271

### T271R

### T272

### T273

**DKOS  
METRIC O RING (HEAVY)**



**24° CONE**

HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND						
6	1/4	14x1,5	6	-0414	<b>T271-0414</b>	23	<b>T271R-0414</b>	<b>T272-0414</b>	48	21	<b>T273-0414</b>	30	34
6	1/4	16x1,5	8	-0416	<b>T271-0416</b>	25	<b>T271R-0416</b>	<b>T272-0416</b>	36	17	<b>T273-0416</b>	27	35
6	1/4	18x1,5	10	-0418	<b>T271-0418</b>	26	<b>T271R-0418</b>	<b>T272-0418</b>	36	17	<b>T273-0418</b>	27	31
8	5/16	18x1,5	10	-0518	<b>T271-0518</b>	26	<b>T271R-0518</b>						
8	5/16	20x1,5	12	-0520	<b>T271-0520</b>	28	<b>T271R-0520</b>	<b>T272-0520</b>			<b>T273-0520</b>		
10	3/8	20x1,5	12	-0620	<b>T271-0620</b>	29	<b>T271R-0620</b>	<b>T272-0620</b>	45	20	<b>T273-0620</b>	35	35
10	3/8	22x1,5	14	-0622	<b>T271-0622</b>	32	<b>T271R-0622</b>	<b>T272-0622</b>	46	21	<b>T273-0622</b>	35	35
12	1/2	24x1,5	16	-0824	<b>T271-0824</b>	34	<b>T271R-0824</b>	<b>T272-0824</b>	62	30	<b>T273-0824</b>	38	52
16	5/8	30x2,0	20	-1030	<b>T271-1030</b>	38	<b>T271R-1030</b>	<b>T272-1030</b>	64	31	<b>T273-1030</b>	44	58
19	3/4	30x2,0	20	-1230	<b>T271-1230</b>	38	<b>T271R-1230</b>	<b>T272-1230</b>	76	37	<b>T273-1230</b>	55	64
19	3/4	36x2,0	25	-1236	<b>T271-1236</b>	40	<b>T271R-1236</b>	<b>T272-1236</b>	76	37	<b>T273-1236</b>	55	64
25	1	42x2,0	30	-1642	<b>T271-1642</b>	35	<b>T271R-1642</b>	<b>T272-1642</b>	85	36	<b>T273-1642</b>	69	77
31	1.1/4	52x2,0	38	-2052	<b>T271-2052</b>	39	<b>T271R-2052</b>	<b>T272-2052</b>	128	48	<b>T273-2052</b>	84	97

# T200 BITELOK One-Piece Crimp Couplings

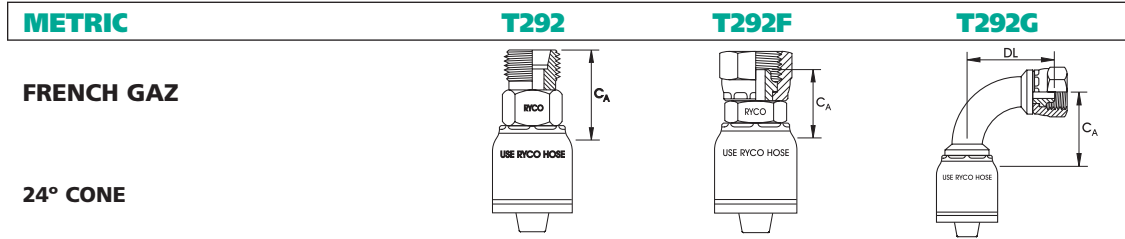


## NON-SKIVE

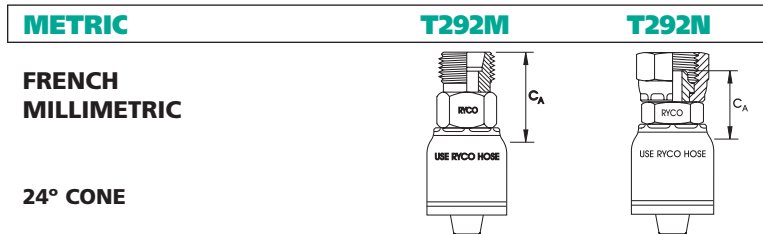
For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

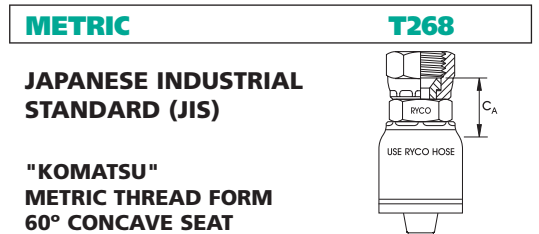
For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.



METRIC				T292		T292F		T292G		
FRENCH GAZ				METRIC FRENCH GAZ MALE		METRIC FRENCH GAZ FEMALE		METRIC FRENCH GAZ FEMALE 90° TUBE BEND		
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	20x1,5	13,25	-0420						
8	5/16	20x1,5	13,25	-0520						
10	3/8	20x1,5	13,25	-0620						
12	1/2	24x1,5	16,75	-0824						
16	5/8	30x1,5	21,25	-1030						
19	3/4	36x1,5	26,75	-1236						
25	1	45x1,5	33,50	-1645						



METRIC				T292M		T292N	
FRENCH MILLIMETRIC				METRIC FRENCH MILLIMETRIC MALE		METRIC FRENCH MILLIMETRIC FEMALE	
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
16	5/8	27x1,5	20	-1027			
19	3/4	30x1,5	22	-1230			
19	3/4	33x1,5	25	-1233			
19	3/4	36x1,5	28	-1236			
25	1	36x1,5	28	-1636			
25	1	39x1,5	30	-1639			



METRIC				T268	
JAPANESE INDUSTRIAL STANDARD (JIS)				"KOMATSU" METRIC THREAD FORM 60° CONCAVE SEAT	
HOSE SIZE	THREAD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)	PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>T268-0414</b>	20
8	5/16	16x1,5	-0516	<b>T268-0516</b>	
10	3/8	18x1,5	-0618	<b>T268-0618</b>	22
10	3/8	22x1,5	-0622	<b>T268-0622</b>	26
12	1/2	22x1,5	-0822	<b>T268-0822</b>	25
12	1/2	24x1,5	-0824	<b>T268-0824</b>	32
16	5/8	24x1,5	-1024	<b>T268-1024</b>	25
16	5/8	30x1,5	-1030	<b>T268-1030</b>	29
19	3/4	24x1,5	-1224	<b>T268-1224</b>	27
19	3/4	30x1,5	-1230	<b>T268-1230</b>	29
19	3/4	33x1,5	-1233	<b>T268-1233</b>	30
25	1	33x1,5	-1633	<b>T268-1633</b>	30
31	1.1/4	36x1,5	-2036	<b>T268-2036</b>	36
31	1.1/4	42x1,5	-2042	<b>T268-2042</b>	36

Please note: These T268 Series Couplings are also listed in the JIS section on page 111.

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

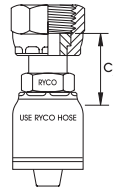
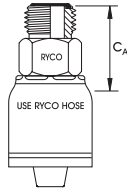
For RYCO Hose T240A, use 1200 Series Couplings.

### ORFS

#### T284

#### T280

O RING  
FACE SEAL

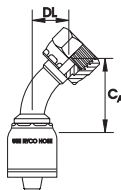


HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE		
DN	inch	inch	inch				PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	9/16	1/4	-0409			T284-0409	25	T280-0409	28
6	1/4	11/16	3/8	-0411			T284-0411	23	T280-0411	32
8	5/16	11/16	3/8	-0511					T280-0511	
10	3/8	9/16	1/4	-0609					T280-0609	29
10	3/8	11/16	3/8	-0611			T284-0611	29	T280-0611	31
10	3/8	13/16	1/2	-0613			T284-0613	31	T280-0613	34
12	1/2	11/16	3/8	-0811					T280-0811	31
12	1/2	13/16	1/2	-0813			T284-0813	33	T280-0813	34
12	1/2	1	5/8	-0816			T284-0816	36	T280-0816	40
12	1/2	1.3/16	3/4	-0819					T280-0819	43
16	5/8	1	5/8	-1016			T284-1016	37	T280-1016	38
16	5/8	1.3/16	3/4	-1019			T284-1019	32	T280-1019	43
19	3/4	1	5/8	-1216					T280-1216	38
19	3/4	1.3/16	3/4	-1219			T284-1219	38	T280-1219	43
19	3/4	1.7/16	1	-1223			T284-1223	35	T280-1223	52
25	1	1.7/16	1	-1623			T284-1623	41	T280-1623	54
31	1.1/4	1.11/16	1.1/4	-2027			T284-2027	45	T280-2027	59

### ORFS

#### T281

O RING  
FACE SEAL



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND		
DN	inch	inch	inch				C <sub>A</sub>	DL	
6	1/4	9/16	1/4	-0409			T281-0409	32	13
6	1/4	11/16	3/8	-0411			T281-0411	33	15
10	3/8	11/16	3/8	-0611			T281-0611	42	18
10	3/8	13/16	1/2	-0613			T281-0613	49	18
12	1/2	13/16	1/2	-0813			T281-0813	55	16
12	1/2	1	5/8	-0816			T281-0816	45	16
16	5/8	1	5/8	-1016			T281-1016	55	22
16	5/8	1.3/16	3/4	-1019			T281-1019	55	20
19	3/4	1.3/16	3/4	-1219			T281-1219	64	25
19	3/4	1.7/16	1	-1223			T281-1223	67	30
25	1	1.7/16	1	-1623			T281-1623	82	33
31	1.1/4	1.11/16	1.1/4	-2027			T281-2027	106	42

# T200 BITELOK One-Piece Crimp Couplings

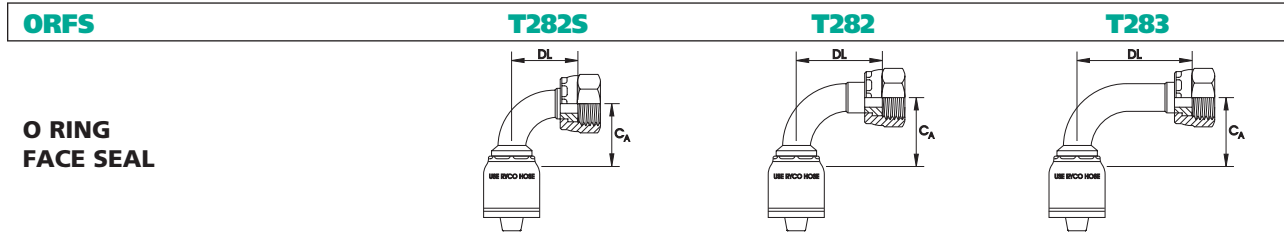


## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.



**O RING  
FACE SEAL**

HOSE SIZE					ORFS FEMALE 90° SHORT BEND			ORFS FEMALE 90° MEDIUM BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch	DASH SIZE	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	9/16	1/4	-0409	T282S-0409	23	19	T282-0409	26	29	T283-0409	23	47
6	1/4	11/16	3/8	-0411	T282S-0411	23	20	T282-0411	36	30	T283-0411	36	47
8	5/16	11/16	3/8	-0511				T282-0511					
10	3/8	11/16	3/8	-0611	T282S-0611	27	23	T282-0611	36	30	T283-0611	48	57
10	3/8	13/16	1/2	-0613	T282S-0613	28	26	T282-0613	36	29	T283-0613	63	57
12	1/2	13/16	1/2	-0813	T282S-0813	37	31	T282-0813	40	38	T283-0813	43	63
12	1/2	1	5/8	-0816	T282S-0816	43	38	T282-0816	42	44	T283-0816	47	63
12	1/2	1.3/16	3/4	-0819				T282-0819	42	43	T283-0819	63	63
16	5/8	1	5/8	-1016	T282S-1016	43	38	T282-1016	48	45	T283-1016	51	67
16	5/8	1.3/16	3/4	-1019	T282S-1019	43	38	T282-1019	44	45	T283-1019	53	67
19	3/4	13/16	1/2	-1213				T282-1213					
19	3/4	1.3/16	3/4	-1219	T282S-1219	49	52	T282-1219	55	48	T283-1219	49	81
19	3/4	1.7/16	1	-1223	T282S-1223	49	48	T282-1223	56	51	T283-1223	68	81
25	1	1.7/16	1	-1623	T282S-1623	68	62	T282-1623	69	73	T283-1623	82	104
31	1.1/4	1.11/16	1.1/4	-2027	T282S-2027			T282-2027	84	94	T283-2027	82	120



**PRESSURE WASHER  
SUITS KARCHER STYLE**

HOSE SIZE	THREAD SIZE	DASH SIZE	PW FEMALE		
DN	inch	mm	PART NO	C <sub>A</sub>	
6	1/4	22x1,5	-0422	T294-0422	30
8	5/16	22x1,5	-0522	T294-0522	30
10	3/8	22x1,5	-0622	T294-0622	30



**PRESSURE WASHER  
SUITS KARCHER STYLE**

HOSE SIZE	TUBE OD	DASH SIZE	PW GUN HANDLE TUBE		
DN	inch	mm	PART NO	C <sub>A</sub>	
6	1/4	9,8	-0410	T295-0410	39
10	3/8				

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

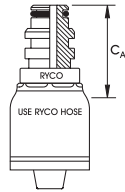
For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

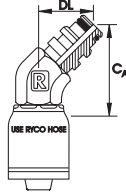
For RYCO Hose T240A, use 1200 Series Couplings.

## RYCOLOK

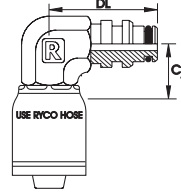
### T287



### T288



### T289



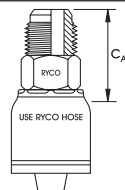
### STAPLE

O RING & BACK UP RING SUPPLIED

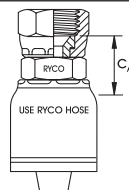
HOSE SIZE			STAPLE SIZE	DASH SIZE	RYCOLOK MALE	RYCOLOK MALE 45° ELBOW			RYCOLOK MALE 90° ELBOW			
DN	inch	mm			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	6	-0406		T287-0406	39	T288-0406	54	30	T289-0406	21	46
6	1/4	10	-0410		T287-0410	39	T288-0410	48	26	T289-0410	22	46
10	3/8	10	-0610		T287-0610	38	T288-0610	46	29	T289-0610	21	44
12	1/2	13	-0813		T287-0813	41	T288-0813	49	27	T289-0813	31	51
12	1/2	16	-0816		T287-0816	41						
16	5/8	16	-1016		T287-1016	39						
19	3/4	20	-1220		T287-1220	38				T289-1220		47
25	1	25	-1625		T287-1625	50				T289-1625		58
31	1.1/4	32	-2032		T287-2032	50	T288-2032	69	41	T289-2032		65
38	1.1/2	40	-2440		T787-2440	57				T789-2440		68
51	2	50	-3250		T787-3250	58						

## SAE

### T253



### T254



### 45° FLARE

HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	SAE MALE	SAE FEMALE	
DN	inch	inch	inch				PART NO	C <sub>A</sub>	
6	1/4	7/16	1/4	-0407			T254-0407	19	
6	1/4	1/2	5/16	-0408					
6	1/4	5/8	3/8	-0410		T253-0410	31	T254-0410	21
10	3/8	1/2	5/16	-0608		T253-0608	32	T254-0608	20
10	3/8	5/8	3/8	-0610		T253-0610	34	T254-0610	20
10	3/8	3/4	1/2	-0612					
12	1/2	3/4	1/2	-0812					
19	3/4	1.1/16	3/4	-1217			T254-1217	26	

# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

**SAE**

**45° FLARE**

**T258**

**T257**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE 45° ELBOW			SAE FEMALE 90° ELBOW		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407						
6	1/4	1/2	5/16	-0408						
6	1/4	5/8	3/8	-0410						
10	3/8	1/2	5/16	-0608	<b>T258-0608</b>	32	14	<b>T257-0608</b>	23	22
10	3/8	5/8	3/8	-0610				<b>T257-0610</b>	23	23
10	3/8	3/4	1/2	-0612						
12	1/2	3/4	1/2	-0812						

**SAE**

**INVERTED MALE FLARE**

**T274**

**T278**

**T279**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE		SAE INVERTED MALE FLARE 90° ELBOW			SAE INVERTED MALE FLARE 90° EXTENDED ELBOW		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>T274-0407</b>	40						
10	3/8	5/8	3/8	-0610	<b>T274-0610</b>	41	<b>T278-0610</b>	18	32	<b>T279-0610</b>	18	60
10	3/8	11/16	7/16	-0611	<b>T274-0611</b>	45	<b>T278-0611</b>	18	36			

**SAE**

**INVERTED MALE FLARE**

**T275**

**T276**

**T277**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE 45° TUBE BEND			SAE INVERTED MALE FLARE 60° TUBE BEND			SAE INVERTED MALE FLARE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407				<b>T276-0407</b>	63	29	<b>T277-0407</b>	44	38
10	3/8	5/8	3/8	-0610	<b>T275-0610</b>	74	23				<b>T277-0610</b>	56	50
10	3/8	11/16	7/16	-0611									



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

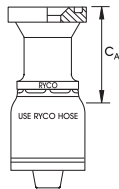
For RYCO Hose T240A, use 1200 Series Couplings.

### SAE FLANGE

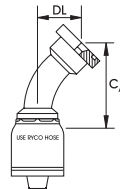
FLANGE OD BELOW  
CLAMPS PAGE 281/282  
\*(5/8 KOMATSU)

O RING NOT SUPPLIED

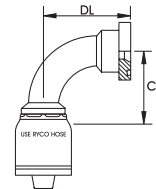
#### T213



#### T215



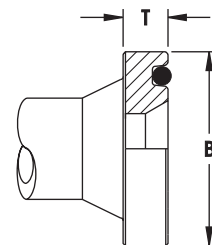
#### T217



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	T213-0808	45	T215-0808	49	20	T217-0808	47	45
12	1/2	3/4	-0812	T213-0812	47	T215-0812	51	19	T217-0812	46	43
16	5/8	*5/8	-1010	T213-1010	43	T215-1010	58	25	T217-1010	44	50
19	3/4	*5/8	-1210	T213-1210	45						
19	3/4	3/4	-1212	T213-1212	46	T215-1212	67	28	T217-1212	55	52
19	3/4	1	-1216	T213-1216	50	T215-1216	70	32	T217-1216	55	56
25	1	1	-1616	T213-1616	52	T215-1616	78	29	T217-1616	69	67
25	1	1.1/4	-1620	T213-1620	57	T215-1620	96	33	T217-1620	69	70
25	1	1.1/2	-1624	T213-1624	84	T215-1624					
31	1.1/4	1	-2016	T213-2016	85	T215-2016	103	30	T217-2016	93	74
31	1.1/4	1.1/4	-2020	T213-2020	59	T215-2020	98	38	T217-2020	84	83
31	1.1/4	1.1/2	-2024	T213-2024	85	T215-2024	99	43	T217-2024	86	82
38	1.1/2	1.1/2	-2424	T713-2424	85	T715-2424	113	41	T717-2424	120	89
38	1.1/2	2	-2432	T713-2432	95	T715-2432	118	46	T717-2432	120	97
51	2	2	-3232	T713-3232	101	T715-3232	149	61	T717-3232	131	129
51	2	2.1/2	-3240	T713-3240	101				T717-3240	131	135

### Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
INCH	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								



\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

## SKIVE

For RYCO Hose Series PW2, TW1.

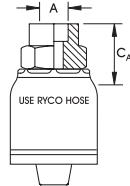
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.

### SALVAGE

### T223

TUBE  
WELD

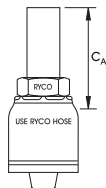


HOSE SIZE		A	DASH SIZE	SALVAGE (LIVESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T223-0404</b>	18
6	1/4	5/16	-0405	<b>T223-0405</b>	18
6	1/4	3/8	-0406	<b>T223-0406</b>	18
10	3/8	3/8	-0606	<b>T223-0606</b>	19
10	3/8	1/2	-0608	<b>T223-0608</b>	19
12	1/2	1/2	-0808	<b>T223-0808</b>	19
12	1/2	5/8	-0810	<b>T223-0810</b>	21
16	5/8	5/8	-1010	<b>T223-1010</b>	21
16	5/8	3/4	-1012	<b>T223-1012</b>	21
19	3/4	3/4	-1212	<b>T223-1212</b>	21
25	1	1	-1616	<b>T223-1616</b>	27
31	1.1/4	1.1/4	-2020	<b>T223-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T223-2424</b>	34
51	2	2	-3232	<b>T223-3232</b>	41

### STANDPIPE

### T218

IMPERIAL



HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404		
6	1/4	5/16	-0405		
6	1/4	3/8	-0406	<b>T218-0406</b>	34
10	3/8	3/8	-0606	<b>T218-0606</b>	35
10	3/8	1/2	-0608		
12	1/2	1/2	-0808	<b>T218-0808</b>	35
12	1/2	5/8	-0810	<b>T218-0810</b>	42
16	5/8	3/4	-1012		
19	3/4	3/4	-1212	<b>T218-1212</b>	51
25	1	1	-1616	<b>T218-1616</b>	57

Intro

Hose

Couplings

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### NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

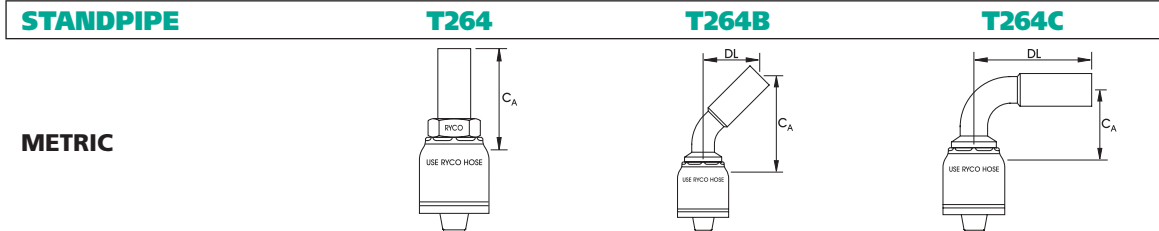
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

### SKIVE

For RYCO Hose Series PW2, TW1.

For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.



HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND			METRIC STANDPIPE 90° TUBE BEND			
DN	inch	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	6	-0406	<b>T264-0406</b>	33						
6	1/4	8	-0408	<b>T264-0408</b>	33						
6	1/4	10	-0410	<b>T264-0410</b>	34						
6	1/4	12	-0412	<b>T264-0412</b>	34						
8	5/16	10	-0510	<b>T264-0510</b>							
8	5/16	12	-0512	<b>T264-0512</b>							
10	3/8	12	-0612	<b>T264-0612</b>	35						
10	3/8	14	-0614	<b>T264-0614</b>	41						
12	1/2	15	-0815	<b>T264-0815</b>	39						
12	1/2	16	-0816	<b>T264-0816</b>	44						
16	5/8	16	-1016	<b>T264-1016</b>	44						
16	5/8	18	-1018	<b>T264-1018</b>	40						
16	5/8	20	-1020	<b>T264-1020</b>	50						
19	3/4	15	-1215								
19	3/4	20	-1220	<b>T264-1220</b>	50						
19	3/4	22	-1222	<b>T264-1222</b>	42						
19	3/4	25	-1225	<b>T264-1225</b>	50						
25	1	28	-1628								
25	1	30	-1630								
31	1.1/4	30	-2030								
31	1.1/4	38	-2038								

Note: See page 273 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings

# T200 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, T2J2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

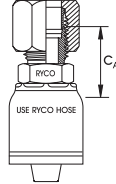
## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

### TUBE BITE

### T285

COMPLETE WITH NUT AND FLARELESS OLIVE



HOSE SIZE	TUBE SIZE	DASH SIZE	TUBE BITE		
DN	inch	inch	PART NO		
6	1/4	1/4	-0404	<b>T285-0404</b>	C <sub>A</sub>
6	1/4	5/16	-0405	<b>T285-0405</b>	27
10	3/8	5/16	-0605	<b>T285-0605</b>	30
10	3/8	3/8	-0606	<b>T285-0606</b>	30
10	3/8	1/2	-0608	<b>T285-0608</b>	32
12	1/2	1/2	-0808	<b>T285-0808</b>	34
12	1/2	5/8	-0810	<b>T285-0810</b>	36
19	3/4	3/4	-1212	<b>T285-1212</b>	39
25	1	1	-1616	<b>T285-1616</b>	41

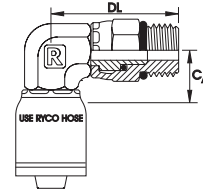
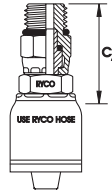
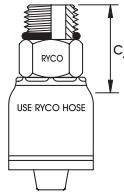
### UNO (O RING BOSS)

### T220

### T238

### T239

O RING SUPPLIED



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	UN O RING MALE SWIVEL	UN O RING MALE SWIVEL 90° ELBOW				
DN	inch	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>T220-0407</b>	25				
6	1/4	1/2	5/16	-0408	<b>T220-0408</b>	25				
6	1/4	9/16	3/8	-0409	<b>T220-0409</b>	25				
10	3/8	9/16	3/8	-0609	<b>T220-0609</b>	28				
10	3/8	3/4	1/2	-0612	<b>T220-0612</b>	29	<b>T238-0612</b>	41	<b>T239-0612</b>	23 41
10	3/8	7/8	5/8	-0614	<b>T220-0614</b>	28			<b>T239-0614</b>	23 38
12	1/2	3/4	1/2	-0812	<b>T220-0812</b>	31	<b>T238-0812</b>		<b>T239-0812</b>	29 43
12	1/2	7/8	5/8	-0814	<b>T220-0814</b>	33	<b>T238-0814</b>	43	<b>T239-0814</b>	29 40
12	1/2	1.1/16	3/4	-0817	<b>T220-0817</b>	32	<b>T238-0817</b>			
16	5/8	7/8	5/8	-1014	<b>T220-1014</b>	34	<b>T238-1014</b>	42		
16	5/8	1.1/16	3/4	-1017	<b>T220-1017</b>	32				
19	3/4	1.1/16	3/4	-1217	<b>T220-1217</b>	36	<b>T238-1217</b>		<b>T239-1217</b>	30 44
19	3/4	1.5/16	1	-1221	<b>T220-1221</b>	34				
25	1	1.5/16	1	-1621	<b>T220-1621</b>	39				
31	1.1/4	1.5/8	1.1/4	-2026	<b>T220-2026</b>	43				

These "Live Swivel" **T238** and **T239** Series Couplings are for Maximum Working Pressure:  
 420 bar (6000 psi) -04 Hose Size      350 bar (5100 psi) -06 Hose Size      280 bar (4060 psi) -08, -10 & -12 Hose Size  
 Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.

For RYCO Hose Series M2G sizes -4 to -12.

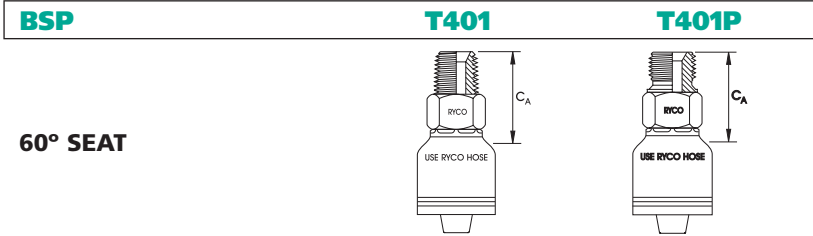
For RYCO Hose Series RQP5, T5 sizes -4 to -12.

For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.

For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.

For RYCO Hose Series SR, SRF sizes -12 to -32.



HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE		BSPP MALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	1/4	-0304	<b>T401-0304</b>			
6	1/4	1/4	-0404	<b>T401-0404</b>	30	<b>T401P-0404</b>	27
8	5/16	1/4	-0504	<b>T401-0504</b>			
10	3/8	1/4	-0604	<b>T401-0604</b>	33		
10	3/8	3/8	-0606	<b>T401-0606</b>	33	<b>T401P-0606</b>	33
10	3/8	1/2	-0608	<b>T401-0608</b>	38	<b>T401P-0608</b>	32
12	1/2	3/8	-0806	<b>T401-0806</b>	35		
12	1/2	1/2	-0808	<b>T401-0808</b>	40	<b>T401P-0808</b>	31
12	1/2	3/4	-0812				
16	5/8	5/8	-1010				
16	5/8	3/4	-1012	<b>T401-1012</b>	41		
19	3/4	3/4	-1212	<b>T401-1212</b>	41	<b>T401P-1212</b>	40
25	1	1	-1616	<b>T401-1616</b>	48	<b>T401P-1616</b>	45
31	1.1/4	1.1/4	-2020	<b>T401-2020</b>	53	<b>T401P-2020</b>	51
38	1.1/2	1.1/2	-2424	<b>T401-2424</b>	55		
51	2	2	-3232	<b>T401-3232</b>	66		

**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.

<b>BSP</b>				<b>T402</b>		<b>T405</b>			<b>T426</b>		
<b>60° SEAT</b>											
HOSE SIZE	THREAD SIZE	DASH SIZE		BSPP FEMALE		BSPP FEMALE 90° ELBOW			BSPP FEMALE 90° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	3/16	1/4	-0304	<b>T402-0304</b>	21						
6	1/4	1/4	-0404	<b>T402-0404</b>	22				<b>T426-0404</b>	26	30
8	5/16	1/4	-0504	<b>T402-0504</b>	22						
10	3/8	1/4	-0604	<b>T402-0604</b>	22						
10	3/8	3/8	-0606	<b>T402-0606</b>	24				<b>T426-0606</b>	35	34
10	3/8	1/2	-0608	<b>T402-0608</b>	27				<b>T426-0608</b>	35	30
12	1/2	1/2	-0808	<b>T402-0808</b>	26	<b>T405-0808</b>	29	31	<b>T426-0808</b>	39	49
12	1/2	3/4	-0812	<b>T402-0812</b>	30						
16	5/8	5/8	-1010	<b>T402-1010</b>	26				<b>T426-1010</b>	44	48
16	5/8	3/4	-1012	<b>T402-1012</b>	28						
19	3/4	3/4	-1212	<b>T402-1212</b>	28				<b>T426-1212</b>	55	56
25	1	1	-1616	<b>T402-1616</b>	33				<b>T426-1616</b>	69	75
31	1.1/4	1.1/4	-2020	<b>T402-2020</b>	41						
38	1.1/2	1.1/2	-2424	<b>T402-2424</b>	45						
51	2	2	-3232	<b>T402-3232</b>	54						

<b>BSP</b>				<b>T412</b>	
<b>SPECIAL SEAT (JIS)</b>					
<b>BSPP THREAD FORM 60° CONCAVE SEAT</b>					
HOSE SIZE	THREAD SIZE	DASH SIZE		BSPP FEMALE 60° CONCAVE SEAT (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T412-0404</b>	21
10	3/8	3/8	-0606	<b>T412-0606</b>	25
10	3/8	1/2	-0608	<b>T412-0608</b>	26
12	1/2	1/2	-0808	<b>T412-0808</b>	25
19	3/4	3/4	-1212	<b>T412-1212</b>	26
25	1	1	-1616		

**Please note:** These **T412** Series Couplings are also listed in the METRIC section on page 129.



**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.

For RYCO Hose Series M2G sizes -4 to -12.

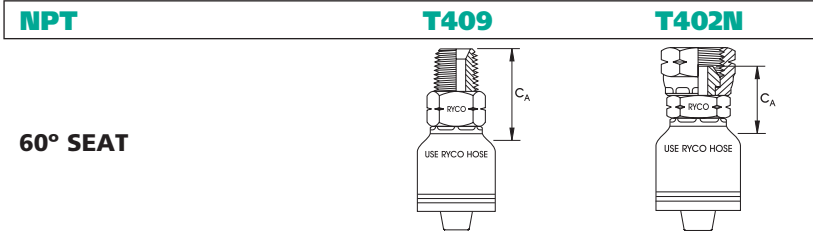
For RYCO Hose Series RQP5, T5 sizes -4 to -12.

For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.

For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.

For RYCO Hose Series SR, SRF sizes -12 to -32.



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE		NPSM FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
3	1/8	1/8	-0202	<b>T409-0202</b>			
5	3/16	1/8	-0302	<b>T409-0302</b>	24		
5	3/16	1/4	-0304	<b>T409-0304</b>	30		
6	1/4	1/8	-0402	<b>T409-0402</b>	25		
6	1/4	1/4	-0404	<b>T409-0404</b>	30	<b>T402N-0404</b>	22
8	5/16	1/4	-0504	<b>T409-0504</b>	30		
8	5/16	3/8	-0506	<b>T409-0506</b>	30		
10	3/8	1/4	-0604	<b>T409-0604</b>	33		
10	3/8	3/8	-0606	<b>T409-0606</b>	33	<b>T402N-0606</b>	24
10	3/8	1/2	-0608	<b>T409-0608</b>	38		
12	1/2	1/2	-0808	<b>T409-0808</b>	40	<b>T402N-0808</b>	26
12	1/2	3/4	-0812	<b>T409-0812</b>	37		
16	5/8	3/4	-1012	<b>T409-1012</b>	41		
19	3/4	3/4	-1212	<b>T409-1212</b>	41		
25	1	1	-1616	<b>T409-1616</b>	48		
31	1.1/4	1	-2016	<b>T409-2016</b>	52		
31	1.1/4	1.1/4	-2020	<b>T409-2020</b>	53		
38	1.1/2	1.1/2	-2424	<b>T409-2424</b>	55		
51	2	2	-3232	<b>T409-3232</b>	66		

## NON-SKIVE

For RYCO Hose Series M2 sizes -4 to -12.

For RYCO Hose Series M2G sizes -4 to -12.

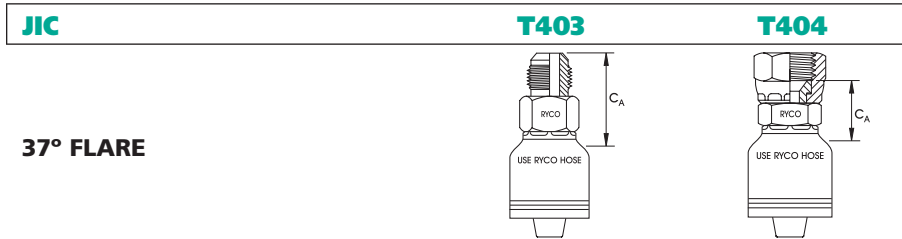
For RYCO Hose Series RQP5, T5 sizes -4 to -12.

For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.

For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.

For RYCO Hose Series SR, SRF sizes -12 to -32.

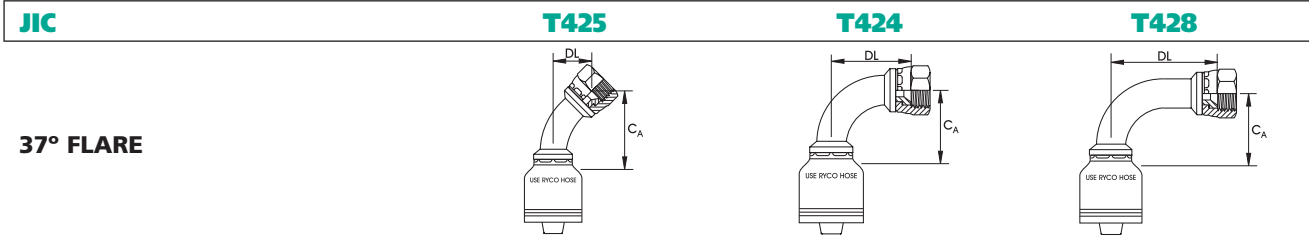


JIC					T403	T404		
37° FLARE								
HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
5	3/16	7/16	1/4	-0307	<b>T403-0307</b>		<b>T404-0307</b>	19
5	3/16	1/2	5/16	-0308			<b>T404-0308</b>	19
5	3/16	9/16	3/8	-0309			<b>T404-0309</b>	19
6	1/4	3/8	3/16	-0406			<b>T404-0406</b>	20
6	1/4	7/16	1/4	-0407	<b>T403-0407</b>	29	<b>T404-0407</b>	19
6	1/4	1/2	5/16	-0408	<b>T403-0408</b>	29	<b>T404-0408</b>	19
6	1/4	9/16	3/8	-0409	<b>T403-0409</b>	30	<b>T404-0409</b>	20
8	5/16	1/2	5/16	-0508			<b>T404-0508</b>	19
8	5/16	9/16	3/8	-0509			<b>T404-0509</b>	20
8	5/16	3/4	1/2	-0512			<b>T404-0512</b>	23
10	3/8	7/16	1/4	-0607			<b>T404-0607</b>	20
10	3/8	9/16	3/8	-0609	<b>T403-0609</b>	32	<b>T404-0609</b>	20
10	3/8	3/4	1/2	-0612	<b>T403-0612</b>	35	<b>T404-0612</b>	22
12	1/2	9/16	3/8	-0809			<b>T404-0809</b>	21
12	1/2	3/4	1/2	-0812	<b>T403-0812</b>	37	<b>T404-0812</b>	22
12	1/2	7/8	5/8	-0814	<b>T403-0814</b>	39	<b>T404-0814</b>	25
12	1/2	1.1/16	3/4	-0817			<b>T404-0817</b>	26
16	5/8	7/8	5/8	-1014	<b>T403-1014</b>	33	<b>T404-1014</b>	25
16	5/8	1.1/16	3/4	-1017	<b>T403-1017</b>	43	<b>T404-1017</b>	26
19	3/4	7/8	5/8	-1214			<b>T404-1214</b>	25
19	3/4	1.1/16	3/4	-1217			<b>T404-1217</b>	26
25	1	1.5/16	1	-1621			<b>T404-1621</b>	30
31	1.1/4	1.5/8	1.1/4	-2026			<b>T404-2026</b>	36
38	1.1/2	1.7/8	1.1/2	-2430			<b>T404-2430</b>	34
51	2	2.1/2	2	-3240			<b>T404-3240</b>	45

**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	<b>T425-0307</b>			<b>T424-0307</b>					
6	1/4	7/16	1/4	-0407	<b>T425-0407</b>	32	13	<b>T424-0407</b>	26	26			
6	1/4	1/2	5/16	-0408	<b>T425-0408</b>	32	13	<b>T424-0408</b>	26	30			
6	1/4	9/16	3/8	-0409	<b>T425-0409</b>	32	15	<b>T424-0409</b>	25	30			
8	5/16	1/2	5/16	-0508									
8	5/16	9/16	3/8	-0509	<b>T425-0509</b>			<b>T424-0509</b>	32	34	<b>T428-0509</b>	39	60
8	5/16	3/4	1/2	-0512									
10	3/8	9/16	3/8	-0609				<b>T424-0609</b>	34	25	<b>T428-0609</b>	47	55
10	3/8	3/4	1/2	-0612				<b>T424-0612</b>	35	29	<b>T428-0612</b>	47	63
12	1/2	3/4	1/2	-0812				<b>T424-0812</b>	38	45			
12	1/2	7/8	5/8	-0814				<b>T424-0814</b>	40	47			
12	1/2	1.1/16	3/4	-0817									
16	5/8	7/8	5/8	-1014									
16	5/8	1.1/16	3/4	-1017	<b>T425-1017</b>	57	22	<b>T424-1017</b>	44	49			
19	3/4	7/8	5/8	-1214									
19	3/4	1.1/16	3/4	-1217	<b>T425-1217</b>	70	31	<b>T424-1217</b>	54	62			
25	1	1.5/16	1	-1621	<b>T425-1621</b>	81	34	<b>T424-1621</b>	71	69			
31	1.1/4	1.5/8	1.1/4	-2026	<b>T425-2026</b>	103	46	<b>T424-2026</b>	84	93			
38	1.1/2	1.7/8	1.1/2	-2430									
51	2	2.1/2	2	-3240				<b>T424-3240</b>	131	130			

## NON-SKIVE

For RYCO Hose Series M2 sizes -4 to -12.

For RYCO Hose Series M2G sizes -4 to -12.

For RYCO Hose Series RQP5, T5 sizes -4 to -12.

For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.

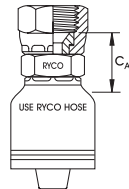
For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.

For RYCO Hose Series SR, SRF sizes -12 to -32.

## JIS T412

### JAPANESE INDUSTRIAL STANDARD (JIS)

**BSPP THREAD FORM  
60° CONCAVE SEAT**

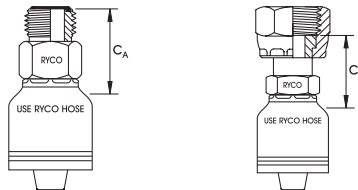


HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE (JIS)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>T412-0404</b>	21
10	3/8	3/8	-0606	<b>T412-0606</b>	25
10	3/8	1/2	-0608	<b>T412-0608</b>	26
12	1/2	1/2	-0808	<b>T412-0808</b>	25
19	3/4	3/4	-1212	<b>T412-1212</b>	26
25	1	1	-1616		

**Please note:** These T412 Series Couplings are also listed in the BSP section on page 125.

## ORFS T484 T480

### O RING FACE SEAL



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	9/16	1/4	-0409			<b>T480-0409</b>	28
6	1/4	11/16	3/8	-0411			<b>T480-0411</b>	32
8	5/16	13/16	1/2	-0513			<b>T480-0513</b>	32
10	3/8	11/16	3/8	-0611			<b>T480-0611</b>	31
10	3/8	13/16	1/2	-0613			<b>T480-0613</b>	34
12	1/2	13/16	1/2	-0813			<b>T480-0813</b>	34
12	1/2	1	5/8	-0816				
16	5/8	1	5/8	-1016				
16	5/8	1.3/16	3/4	-1019				
19	3/4	1.3/16	3/4	-1219			<b>T480-1219</b>	43
19	3/4	1.7/16	1	-1223			<b>T480-1223</b>	52
25	1	1.7/16	1	-1623			<b>T480-1623</b>	54
31	1.1/4	1.11/16	1.1/4	-2027			<b>T480-2027</b>	59

**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

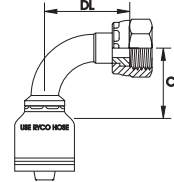
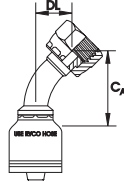
For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.

**ORFS**

**T481**

**T482**

**O RING  
FACE SEAL**



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° MEDIUM BEND		
DN	inch	inch	inch		PART NO	CA	DL	PART NO	CA	DL		
6	1/4	9/16	1/4	-0409	<b>T481-0409</b>	32	13	<b>T482-0409</b>	26	29		
6	1/4	11/16	3/8	-0411				<b>T482-0411</b>	36	30		
10	3/8	11/16	3/8	-0611	<b>T481-0611</b>	42	18	<b>T482-0611</b>	36	30		
10	3/8	13/16	1/2	-0613	<b>T481-0613</b>	49	18	<b>T482-0613</b>	36	29		
12	1/2	13/16	1/2	-0813	<b>T481-0813</b>	55	16	<b>T482-0813</b>	40	38		
12	1/2	1	5/8	-0816								
16	5/8	1	5/8	-1016								
16	5/8	1.3/16	3/4	-1019								
19	3/4	1.3/16	3/4	-1219	<b>T481-1219</b>	64	25					
19	3/4	1.7/16	1	-1223								
25	1	1.7/16	1	-1623	<b>T481-1623</b>	82	33	<b>T482-1623</b>	69	73		
31	1.1/4	1.11/16	1.1/4	-2027	<b>T481-2027</b>	106	42					

**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.

**SAE**

**45° FLARE**

**T453**

**T454**

HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	SAE MALE	SAE FEMALE	
DN	inch	inch	inch	PART NO	C <sub>A</sub>	
6	1/4	5/8	3/8	-0410	<b>T454-0410</b>	21
8	5/16	5/8	3/8	-0510	<b>T453-0510</b>	33
10	3/8	5/8	3/8	-0610	<b>T453-0610</b>	34
12	1/2	3/4	1/2	-0812		

**SAE**

**45° FLARE**

**T457**

**T455**

**T456**

HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE 90° ELBOW	SAE FEMALE 45° TUBE BEND	SAE FEMALE 90° TUBE BEND
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	3/8	-0510	<b>T455-0510</b>	45
10	3/8	5/8	3/8	-0610	<b>T457-0610</b>	23
12	1/2	5/8	3/8	-0810	<b>T456-0610</b>	35

**SAE**

**INVERTED MALE FLARE**

**T474**

**T475**

**T477**

HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE	SAE INVERTED MALE FLARE 45° TUBE BEND	SAE INVERTED MALE FLARE 90° TUBE BEND
DN	inch	inch	inch	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	3/8	-0510	<b>T475-0510</b>	74
10	3/8	5/8	3/8	-0610	<b>T474-0610</b>	41
10	3/8	11/16	7/16	-0611	<b>T474-0611</b>	45



**NON-SKIVE**

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

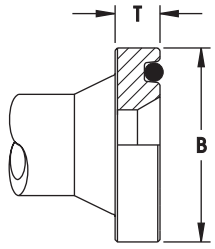
For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.

SAE FLANGE	T413	T415	T417
<p><b>CODE 61 FLANGE OD BELOW CLAMPS PAGE 281/282</b></p> <p><b>O RING NOT SUPPLIED</b></p>			

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			
DN	inch	inch		PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
19	3/4	3/4	-1212	<b>T413-1212</b>	46	<b>T415-1212</b>	67	28	<b>T417-1212</b>	55	52
19	3/4	1	-1216	<b>T413-1216</b>	50						
25	1	1	-1616	<b>T413-1616</b>	52	<b>T415-1616</b>	78	29	<b>T417-1616</b>	70	61
25	1	1.1/4	-1620	<b>T413-1620</b>	57						
31	1.1/4	1.1/4	-2020	<b>T413-2020</b>	59	<b>T415-2020</b>	98	38	<b>T417-2020</b>	84	83
31	1.1/4	1.1/2	-2024	<b>T413-2024</b>	85						
38	1.1/2	1.1/2	-2424	<b>T413-2424</b>	85	<b>T415-2424</b>	113	38	<b>T417-2424</b>	106	98
38	1.1/2	2	-2432	<b>T413-2432</b>	95						
51	2	2	-3232	<b>T413-3232</b>	101	<b>T415-3232</b>	145	64	<b>T417-3232</b>	127	123

**Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges**

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								



\*5/8 is used by Komatsu.  
 RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.  
 RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

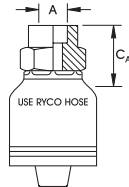
## NON-SKIVE

For RYCO Hose Series M2 sizes -4 to -12.  
 For RYCO Hose Series M2G sizes -4 to -12.  
 For RYCO Hose Series RQP5, T5 sizes -4 to -12.  
 For RYCO Hose Series MP1 sizes -4 to -20.

For RYCO Hose Series RT7, RT7N, RT7T, RT7TN all sizes.  
 For RYCO Hose Series RT8, RT8N, RT8T, RT8TN all sizes.  
 For RYCO Hose Series SR, SRF sizes -12 to -32.

### SALVAGE T423

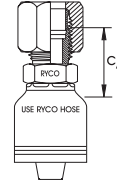
TUBE WELD



HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	CA
6	1/4	1/4	-0404		
8	5/16	3/8	-0506	<b>T423-0506</b>	18
10	3/8	1/4	-0604		
10	3/8	3/8	-0606	<b>T423-0606</b>	19
10	3/8	1/2	-0608		
12	1/2	3/8	-0806		
12	1/2	1/2	-0808	<b>T423-0808</b>	19
16	5/8	3/4	-1012	<b>T423-1012</b>	
19	3/4	3/4	-1212	<b>T423-1212</b>	21
25	1	1	-1616	<b>T423-1616</b>	27
31	1.1/4	1.1/4	-2020	<b>T423-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T423-2424</b>	34
51	2	2	-3232	<b>T423-3232</b>	41

### TUBE BITE T485

COMPLETE WITH NUT AND FLARELESS OLIVE



HOSE SIZE		TUBE SIZE	DASH SIZE	TUBE BITE	
DN	inch	inch		PART NO	CA
10	3/8	3/8	-0606	<b>T485-0606</b>	30

### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

BSP				T701		T701H		T701P	
60° SEAT									
HOSE SIZE	THREAD SIZE	DASH SIZE	BSPT MALE	BSPT MALE HEAVY DUTY					
DN	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
10	3/8	3/8	-0606	T701-0606	33		T701P-0606	33	
12	1/2	1/2	-0808	T701-0808	40		T701P-0808	31	
19	3/4	3/4	-1212	T701-1212	41		T701P-1212	40	
25	1	1	-1616	T701-1616	48	T701H-1616	48	T701P-1616	45
31	1.1/4	1.1/4	-2020	T701-2020	53		T701P-2020	51	
38	1.1/2	1.1/2	-2424	T701-2424	55		T701P-2424	55	
51	2	2	-3232	T701-3232	66		T701P-3232	67	

BSP				T702		T702H	
60° SEAT							
HOSE SIZE	THREAD SIZE	DASH SIZE	BSPP FEMALE	BSPP FEMALE HEAVY DUTY			
DN	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	
10	3/8	3/8	-0606	T702-0606	24		
12	1/2	1/2	-0808	T702-0808	26	T702H-0808	28
19	3/4	3/4	-1212	T702-1212	28	T702H-1212	34
25	1	1	-1616	T702-1616	33	T702H-1616	37
31	1.1/4	1	-2016	T702-2016	39		
31	1.1/4	1.1/4	-2020	T702-2020	41	T702H-2020	44
38	1.1/2	1.1/2	-2424	T702-2424	45		
51	2	2	-3232	T702-3232	54		

T700 BSPP, JIC, JIS and Metric Swivel Nut Couplings are shown as "Crimp Nut". Larger sizes are "Wire Nut" or "Slip Nut". See note on page 87.

# T700 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

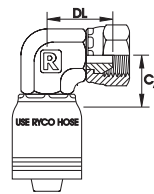
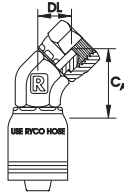
For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

### BSP T706 T705

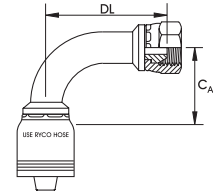
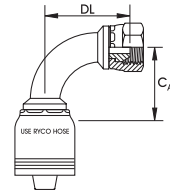
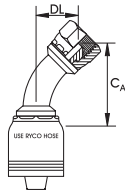
60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	BSP FEMALE 45° ELBOW			BSP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	3/8	-0606				<b>T705-0606</b>	23	28
12	1/2	1/2	-0808	<b>T706-0808</b>	40	18	<b>T705-0808</b>	29	31
19	3/4	3/4	-1212	<b>T706-1212</b>	44	20	<b>T705-1212</b>	30	36
25	1	1	-1616	<b>T706-1616</b>	51	23	<b>T705-1616</b>	32	40
31	1.1/4	1.1/4	-2020	<b>T706-2020</b>	42	25	<b>T705-2020</b>	41	47
38	1.1/2	1.1/2	-2424				<b>T705-2424</b>	60	59
51	2	2	-3232				<b>T705-3232</b>	56	62

### BSP T727 T726 T721

60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	BSP FEMALE 45° TUBE BEND			BSP FEMALE 90° TUBE BEND			BSP FEMALE 90° LONG BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	3/8	-0606	<b>T727-0606</b>			<b>T726-0606</b>	35	32			
12	1/2	1/2	-0808	<b>T727-0808</b>	57	23	<b>T726-0808</b>	38	44			
19	3/4	3/4	-1212	<b>T727-1212</b>	70	31	<b>T726-1212</b>	55	56	<b>T721-1212</b>	61	67
25	1	1	-1616	<b>T727-1616</b>	83	34	<b>T726-1616</b>	69	75	<b>T721-1616</b>	69	75
31	1.1/4	1	-2016				<b>T726-2016</b>	85	82			
31	1.1/4	1.1/4	-2020	<b>T727-2020</b>	107	41	<b>T726-2020</b>	86	89	<b>T721-2020</b>	73	91
38	1.1/2	1.1/2	-2424	<b>T727-2424</b>	166	93	<b>T726-2424</b>	120	148			
51	2	2	-3232	<b>T727-3232</b>	206	118	<b>T726-3232</b>	131	192			

### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1,

RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.

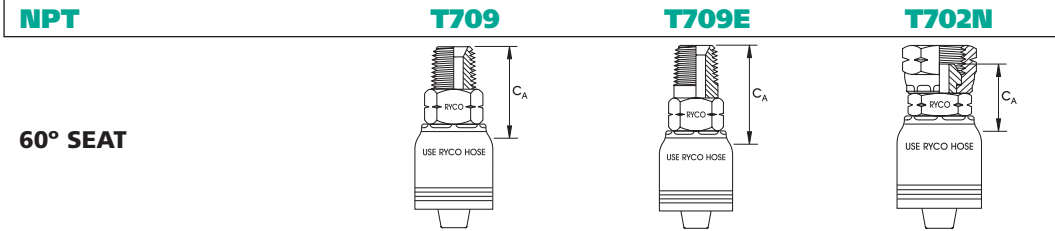
For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D,

H1316S, H1320A, H1320D, H1320S.

For RYCO Hose PW26, TW16, TW18.



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED (API)	NPSM FEMALE			
DN	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA
10	3/8	1/4	-0604	<b>T709-0604</b>	33				
10	3/8	3/8	-0606	<b>T709-0606</b>	33				
12	1/2	3/8	-0806	<b>T709-0806</b>	35				
12	1/2	1/2	-0808	<b>T709-0808</b>	40				
19	3/4	3/4	-1212	<b>T709-1212</b>	41				
25	1	3/4	-1612	<b>T709-1612</b>	43				
25	1	1	-1616	<b>T709-1616</b>	48				
31	1.1/4	1	-2016	<b>T709-2016</b>	52				
31	1.1/4	1.1/4	-2020	<b>T709-2020</b>	53			<b>T702N-2020</b>	41
38	1.1/2	1.1/2	-2424	<b>T709-2424</b>	55			<b>T702N-2424</b>	45
51	2	2	-3232	<b>T709-3232</b>	66	<b>T709E-3232</b>	107	<b>T702N-3232</b>	54

Stainless Steel **T709SS**, see page 222.

# T700 BITELOK One-Piece Crimp Couplings

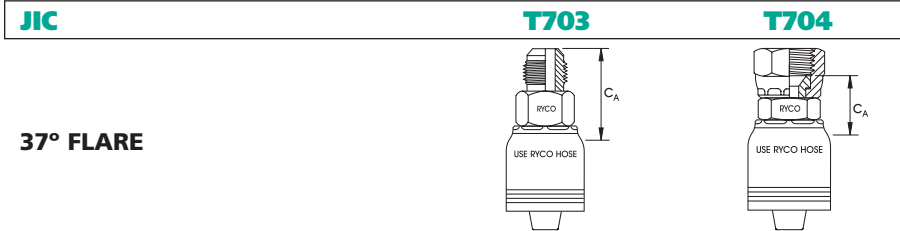


## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1,  
 RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

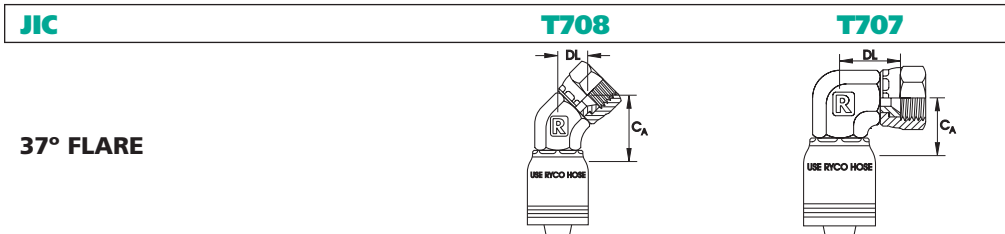
## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D,  
 H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE
DN	inch	inch	inch		PART NO	C <sub>A</sub>
10	3/8	9/16	3/8	-0609	<b>T703-0609</b>	32
10	3/8	3/4	1/2	-0612		
12	1/2	3/4	1/2	-0812	<b>T703-0812</b>	37
12	1/2	7/8	5/8	-0814	<b>T703-0814</b>	39
12	1/2	1.1/16	3/4	-0817		
16	5/8	7/8	5/8	-1014		
19	3/4	7/8	5/8	-1214		
19	3/4	1.1/16	3/4	-1217	<b>T703-1217</b>	43
19	3/4	1.3/16	7/8	-1219		
19	3/4	1.5/16	1	-1221	<b>T703-1221</b>	42
25	1	1.1/16	3/4	-1617		
25	1	1.5/16	1	-1621	<b>T703-1621</b>	47
25	1	1.5/8	1.1/4	-1626		
31	1.1/4	1.5/16	1	-2021		
31	1.1/4	1.5/8	1.1/4	-2026	<b>T703-2026</b>	52
31	1.1/4	1.7/8	1.1/2	-2030		
38	1.1/2	1.7/8	1.1/2	-2430	<b>T703-2430</b>	57
51	2	2.1/2	2	-3240	<b>T703-3240</b>	73

Stainless Steel **T704SS**, see page 222.



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° ELBOW	JIC FEMALE 90° ELBOW
DN	inch	inch	inch		PART NO	C <sub>A</sub> DL
12	1/2	3/4	1/2	-0812	<b>T708-0812</b>	37 16
12	1/2	7/8	5/8	-0814	<b>T708-0814</b>	38 17
19	3/4	1.1/16	3/4	-1217	<b>T708-1217</b>	41 17
25	1	1.5/16	1	-1621	<b>T708-1621</b>	48 21



## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.

For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.

For RYCO Hose PW26, TW16, TW18.

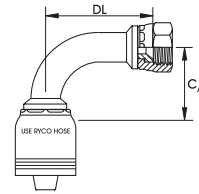
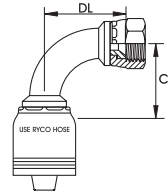
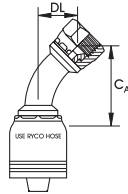
## JIC

### T725

### T724

### T728

## 37° FLARE



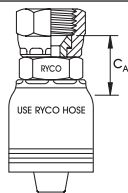
HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	CA	DL	PART NO	CA	DL	PART NO	CA	DL		
10	3/8	9/16	3/8	-0609	<b>T725-0609</b>	38	13	<b>T724-0609</b>	34	25					
10	3/8	3/4	1/2	-0612											
12	1/2	3/4	1/2	-0812	<b>T725-0812</b>	55	18	<b>T724-0812</b>	38	40					
12	1/2	7/8	5/8	-0814	<b>T725-0814</b>	56	19	<b>T724-0814</b>	38	42					
16	5/8	7/8	5/8	-1014	<b>T725-1014</b>	56	24	<b>T724-1014</b>	44	48					
16	5/8	1.1/16	3/4	-1017	<b>T725-1017</b>	57	24	<b>T724-1017</b>	44	49					
19	3/4	1.1/16	3/4	-1217	<b>T725-1217</b>	66	27	<b>T724-1217</b>	55	55	<b>T728-1217</b>	61	88		
19	3/4	1.5/16	1	-1221	<b>T725-1221</b>	70	31	<b>T724-1221</b>	55	55					
25	1	1.5/16	1	-1621	<b>T725-1621</b>	81	32	<b>T724-1621</b>	69	72	<b>T728-1621</b>	69	75		
25	1	1.5/8	1.1/4	-1626											
31	1.1/4	1.5/8	1.1/4	-2026	<b>T725-2026</b>	107	41	<b>T724-2026</b>	86	89	<b>T728-2026</b>	73	91		
38	1.1/2	1.7/8	1.1/2	-2430	<b>T725-2430</b>	139	56	<b>T724-2430</b>	120	102					
51	2	2.1/2	2	-3240	<b>T725-3240</b>	152	64	<b>T724-3240</b>	131	130					

## JIS

### T768

## JAPANESE INDUSTRIAL STANDARD

## "KOMATSU" METRIC THREAD FORM 60° CONCAVE SEAT



HOSE SIZE	THREAD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)		
DN	inch	mm		PART NO	CA
10	3/8	18x1,5	-0618	<b>T768-0618</b>	22
12	1/2	22x1,5	-0822	<b>T768-0822</b>	25
12	1/2	24x1,5	-0824	<b>T768-0824</b>	32
16	5/8	24x1,5	-1024	<b>T768-1024</b>	25
19	3/4	24x1,5	-1224	<b>T768-1224</b>	27
19	3/4	30x1,5	-1230	<b>T768-1230</b>	29
25	1	33x1,5	-1633	<b>T768-1633</b>	30
25	1	36x1,5	-1636	<b>T768-1636</b>	34
31	1.1/4	36x1,5	-2036	<b>T768-2036</b>	36
31	1.1/4	42x1,5	-2042	<b>T768-2042</b>	36

Please note: These T768 Series Couplings are also listed in the METRIC section on page 141.

# T700 BITELOK One-Piece Crimp Couplings



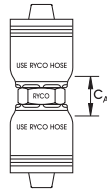
## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

## JOINER T790

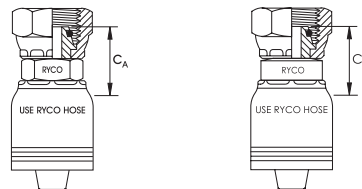


HOSE SIZE		DASH SIZE	JOINER	
DN	inch		PART NO	C <sub>A</sub>
10	3/8	-0606	<b>T790-0606</b>	15
12	1/2	-0808	<b>T790-0808</b>	15
19	3/4	-1212	<b>T790-1212</b>	15
25	1	-1616	<b>T790-1616</b>	25
31	1.1/4	-2020	<b>T790-2020</b>	24
38	1.1/2	-2424	<b>T790-2424</b>	25
51	2	-3232	<b>T790-3232</b>	26

## METRIC T750 T750R

**DKOL  
 METRIC O RING (LIGHT)**

**24° CONE**



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKOL FEMALE 24° CONE	C <sub>A</sub>	DKOL FEMALE 24° CONE	C <sub>A</sub>
DN	inch	mm	mm		PART NO		PART NO	
31	1.1/4	45x2,0	35	-2045	<b>T750-2045</b>		<b>T750R-2045</b>	
38	1.1/2	52x2,0	42	-2452	<b>T750-2452</b>		<b>T750R-2452</b>	

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### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.

For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.

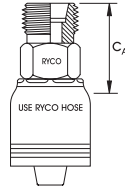
For RYCO Hose PW26, TW16, TW18.

## METRIC

### T763

**DKS  
METRIC O RING**

**24° CONE**



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE		
DN	inch	mm	mm		PART NO	C <sub>A</sub>
10	3/8	20x1,5	12	-0620		
10	3/8	22x1,5	14	-0622		
12	1/2	24x1,5	16	-0824	<b>T763-0824</b>	30
16	5/8	30x2,0	20	-1030		
16	5/8	36x2,0	25	-1036		
19	3/4	30x2,0	20	-1230	<b>T763-1230</b>	35
19	3/4	36x2,0	25	-1236	<b>T763-1236</b>	37
25	1	36x2,0	25	-1636	<b>T763-1636</b>	41
25	1	42x2,0	30	-1642	<b>T763-1642</b>	43
31	1.1/4	42x2,0	30	-2042	<b>T763-2042</b>	48
31	1.1/4	52x2,0	38	-2052	<b>T763-2052</b>	47

## METRIC

### T771

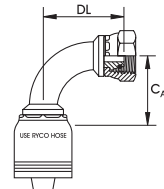
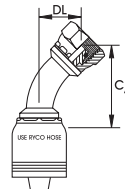
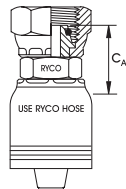
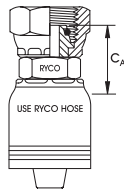
### T771R

### T772

### T773

**DKOS  
METRIC O RING (HEAVY)**

**24° CONE**



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND						
DN	inch	mm	mm	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	20x1,5	12	-0620	<b>T771-0620</b>	29	<b>T771R-0620</b>						
10	3/8	22x1,5	14	-0622	<b>T771-0622</b>	32	<b>T771R-0622</b>						
12	1/2	24x1,5	16	-0824	<b>T771-0824</b>	34	<b>T771R-0824</b>	<b>T772-0824</b>	62	30	<b>T773-0824</b>	38	52
16	5/8	30x2,0	20	-1030	<b>T771-1030</b>	38	<b>T771R-1030</b>						
16	5/8	36x2,0	25	-1036	<b>T771-1036</b>	40	<b>T771R-1036</b>						
19	3/4	30x2,0	20	-1230	<b>T771-1230</b>	38	<b>T771R-1230</b>	<b>T772-1230</b>	76	37	<b>T773-1230</b>	55	64
19	3/4	36x2,0	25	-1236	<b>T771-1236</b>	40	<b>T771R-1236</b>	<b>T772-1236</b>	76	37	<b>T773-1236</b>	55	64
25	1	36x2,0	25	-1636	<b>T771-1636</b>	40	<b>T771R-1636</b>						
25	1	42x2,0	30	-1642	<b>T771-1642</b>	35	<b>T771R-1642</b>	<b>T772-1642</b>	85	36	<b>T773-1642</b>	69	77
31	1.1/4	42x2,0	30	-2042									
31	1.1/4	52x2,0	38	-2052	<b>T771-2052</b>	39	<b>T771R-2052</b>	<b>T772-2052</b>	109	43	<b>T773-2052</b>	84	97

# T700 BITELOK One-Piece Crimp Couplings

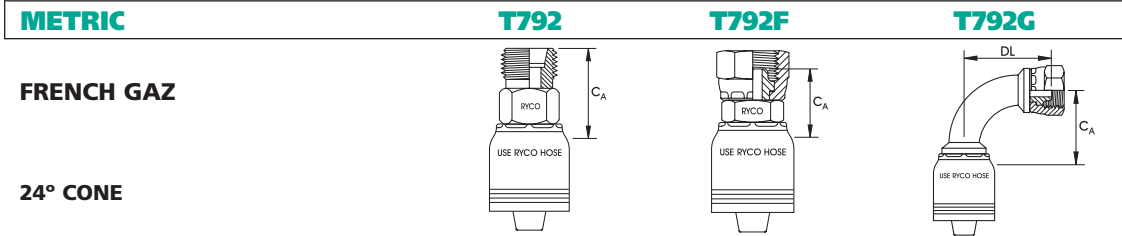


## NON-SKIVE

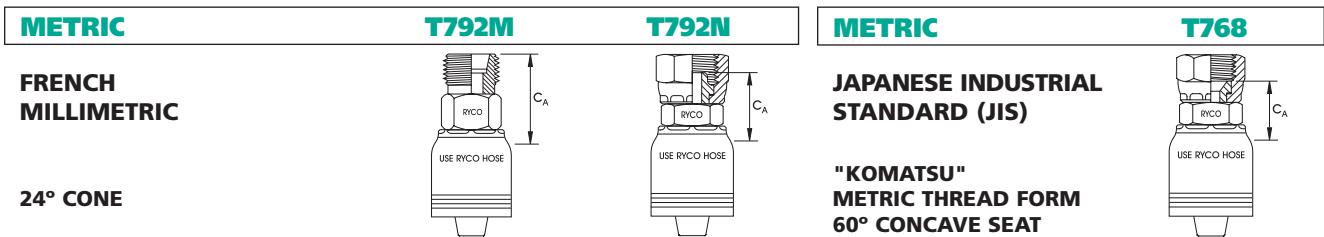
For RYCO Hose Series H12A, H12D, H12S all sizes.  
For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
For RYCO Hose PW26, TW16, TW18.



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH GAZ MALE	METRIC FRENCH GAZ FEMALE	METRIC FRENCH GAZ FEMALE 90° TUBE BEND				
DN	inch	mm	mm		PART NO	CA	PART NO	CA	PART NO	CA	DL
10	3/8	20x1,5	13,25	-0620							
12	1/2	24x1,5	16,75	-0824							
16	5/8	30x1,5	21,25	-1030							
19	3/4	36x1,5	26,75	-1236	<b>T792-1236</b>	31					
25	1	45x1,5	33,50	-1645	<b>T792-1645</b>	39					
31	1.1/4	52x1,5	42,25	-2052	<b>T792-2052</b>						



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	METRIC FRENCH MILLIMETRIC MALE	METRIC FRENCH MILLIMETRIC FEMALE
DN	inch	mm	mm		PART NO	CA
16	5/8	27x1,5	20	-1027		
19	3/4	30x1,5	22	-1230		
19	3/4	33x1,5	25	-1233		
19	3/4	36x1,5	28	-1236		
25	1	36x1,5	28	-1636		
25	1	39x1,5	30	-1639		
25	1	45x1,5	35	-1645		
31	1.1/4	45x1,5	35	-2045		

HOSE SIZE		THREAD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)
DN	inch	mm		PART NO
10	3/8	18x1,5	-0618	<b>T768-0618</b>
12	1/2	22x1,5	-0822	<b>T768-0822</b>
12	1/2	24x1,5	-0824	<b>T768-0824</b>
16	5/8	24x1,5	-1024	<b>T768-1024</b>
19	3/4	24x1,5	-1224	<b>T768-1224</b>
19	3/4	30x1,5	-1230	<b>T768-1230</b>
25	1	33x1,5	-1633	<b>T768-1633</b>
25	1	36x1,5	-1636	<b>T768-1636</b>
31	1.1/4	36x1,5	-2036	<b>T768-2036</b>
31	1.1/4	42x1,5	-2042	<b>T768-2042</b>

**Please note:** These T768 Series Couplings are also listed in the JIS section on page 138.

### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.

For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

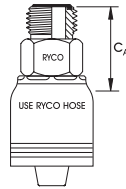
For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.

For RYCO Hose PW26, TW16, TW18.

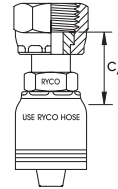
## ORFS

### O RING FACE SEAL

### T784



### T780

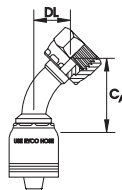


HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE		
DN	inch	inch	inch				PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
10	3/8	11/16	3/8	-0611			<b>T784-0611</b>	29	<b>T780-0611</b>	31
10	3/8	13/16	1/2	-0613						
12	1/2	13/16	1/2	-0813			<b>T784-0813</b>	33	<b>T780-0813</b>	34
12	1/2	1	5/8	-0816					<b>T780-0816</b>	40
12	1/2	1.3/16	3/4	-0819					<b>T780-0819</b>	43
16	5/8	1	5/8	-1016					<b>T780-1016</b>	38
19	3/4	1.3/16	3/4	-1219			<b>T784-1219</b>	38	<b>T780-1219</b>	43
19	3/4	1.7/16	1	-1223					<b>T780-1223</b>	52
25	1	1.7/16	1	-1623			<b>T784-1623</b>	41	<b>T780-1623</b>	54
25	1	1.11/16	1.1/4	-1627					<b>T780-1627</b>	59
31	1.1/4	1.11/16	1.1/4	-2027			<b>T784-2027</b>	45	<b>T780-2027</b>	59
38	1.1/2	2	1.1/2	-2432					<b>T780-2432</b>	68

## ORFS

### O RING FACE SEAL

### T781



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND		
DN	inch	inch	inch				PART NO	C <sub>A</sub>	DL
10	3/8	11/16	3/8	-0611			<b>T781-0611</b>	42	18
10	3/8	13/16	1/2	-0613			<b>T781-0613</b>	40	15
12	1/2	13/16	1/2	-0813			<b>T781-0813</b>	55	16
12	1/2	1	5/8	-0816					
12	1/2	1.3/16	3/4	-0819					
16	5/8	1	5/8	-1016			<b>T781-1016</b>	55	22
19	3/4	1.3/16	3/4	-1219			<b>T781-1219</b>	64	25
19	3/4	1.7/16	1	-1223			<b>T781-1623</b>	82	33
25	1	1.7/16	1	-1623					
31	1.1/4	1.11/16	1.1/4	-2027			<b>T781-2027</b>	108	42

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## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

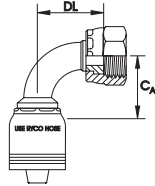
## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

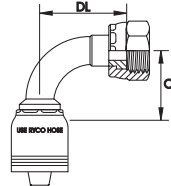
### ORFS

O RING  
FACE SEAL

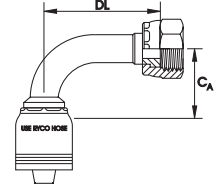
T782S



T782



T783



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 90° SHORT BEND			ORFS FEMALE 90° MEDIUM BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	11/16	3/8	-0611				<b>T782-0611</b>	36	30			
10	3/8	13/16	1/2	-0613									
12	1/2	13/16	1/2	-0813				<b>T782-0813</b>	40	38			
12	1/2	1	5/8	-0816				<b>T782-0816</b>	42	44			
16	5/8	1	5/8	-1016				<b>T782-1016</b>	48	45			
19	3/4	1.3/16	3/4	-1219	<b>T782S-1219</b>			<b>T782-1219</b>	55	48	<b>T783-1219</b>	49	81
25	1	1.7/16	1	-1623	<b>T782S-1623</b>			<b>T782-1623</b>	69	73	<b>T783-1623</b>	82	104
31	1.1/4	1.11/16	1.1/4	-2027	<b>T782S-2027</b>			<b>T782-2027</b>	84	94	<b>T783-2027</b>	82	120

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### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

RYCOLOK				T787		T788			T789		
STAPLE											
O RING & BACK UP RING SUPPLIED											
HOSE SIZE		STAPLE SIZE	DASH SIZE	RYCOLOK MALE		RYCOLOK MALE 45° ELBOW			RYCOLOK MALE 90° ELBOW		
DN	inch	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
10	3/8	10	-0610	T787-0610	38	T788-0610	46	29	T789-0610	21	44
12	1/2	13	-0813	T787-0813	41	T788-0813	49	27	T789-0813	31	51
19	3/4	20	-1220	T787-1220	38	T788-1220	55	31	T789-1220		47
25	1	25	-1625	T787-1625	50	T788-1625	65	38	T789-1625		58
31	1.1/4	32	-2032	T787-2032	50	T788-2032	69	41	T789-2032		65
38	1.1/2	40	-2440	T787-2440	57				T789-2440		68
51	2	50	-3250	T787-3250	58						

RYCO SUPERLOK				T787S	
SUPERSTAPLE					
O RING & BACK UP RING SUPPLIED					
HOSE SIZE		STAPLE SIZE	DASH SIZE	RYCO SUPERLOK MALE	
DN	inch	mm		PART NO	C <sub>A</sub>
12	1/2	13	-0813	T787S-0813	28
19	3/4	20	-1220	T787S-1220	47
25	1	25	-1625	T787S-1625	55
31	1.1/4	32	-2032	T787S-2032	71
38	1.1/2	40	-2440	T787S-2440	78
51	2	50	-3250	T787S-3250	78



# T700 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1,  
 RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D,  
 H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

**SAE FLANGE**

**CODE 61**

**FLANGE OD BELOW CLAMPS PAGE 281/282**  
**\*(5/8 KOMATSU)**  
**O RING NOT SUPPLIED**

**T713**

**T714**

**T729**

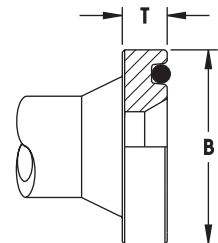
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 22.5° TUBE BEND			CODE 61 FLANGE 30° TUBE BEND			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>T713-0808</b>	45						
12	1/2	3/4	-0812	<b>T713-0812</b>	47						
19	3/4	*5/8	-1210	<b>T713-1210</b>	45						
19	3/4	3/4	-1212	<b>T713-1212</b>	46	<b>T714-1212</b>	76	16	<b>T729-1212</b>	39	66
19	3/4	1	-1216	<b>T713-1216</b>	50	<b>T714-1216</b>	80	18			
25	1	3/4	-1612								
25	1	1	-1616	<b>T713-1616</b>	52	<b>T714-1616</b>	89	17	<b>T729-1616</b>		
25	1	1.1/4	-1620	<b>T713-1620</b>	57	<b>T714-1620</b>	91	18			
25	1	1.1/2	-1624	<b>T713-1624</b>	84						
31	1.1/4	1	-2016	<b>T713-2016</b>	85						
31	1.1/4	1.1/4	-2020	<b>T713-2020</b>	59	<b>T714-2020</b>	107	20	<b>T729-2020</b>	52	92
31	1.1/4	1.1/2	-2024	<b>T713-2024</b>	85	<b>T714-2024</b>	109	18	<b>T729-2024</b>	55	93
38	1.1/2	1.1/2	-2424	<b>T713-2424</b>	85	<b>T714-2424</b>	127	14	<b>T729-2424</b>	55	118
38	1.1/2	2	-2432	<b>T713-2432</b>	95	<b>T714-2432</b>	134	17	<b>T729-2432</b>	62	122
51	2	2	-3232	<b>T713-3232</b>	101	<b>T714-3232</b>	161	28	<b>T729-3232</b>	79	141
51	2	2.1/2	-3240	<b>T713-3240</b>	101						

## Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B	T	B	T	B	T	B	T	B	T	B	T
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps. RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.



### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

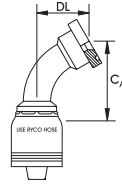
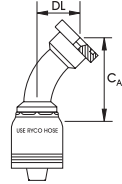
## SAE FLANGE

### T715

### T730

### CODE 61

FLANGE OD BELOW  
 CLAMPS PAGE 281/282  
 \*(5/8 KOMATSU)  
 O RING NOT SUPPLIED

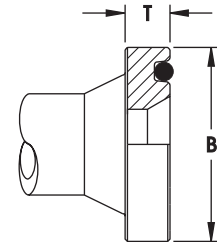


HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 60° TUBE BEND
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DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>T715-0808</b>	56	19			
12	1/2	3/4	-0812	<b>T715-0812</b>	59	22			
19	3/4	*5/8	-1210	<b>T715-1210</b>	70	28			
19	3/4	3/4	-1212	<b>T715-1212</b>	67	28	<b>T730-1212</b>	79	35
19	3/4	1	-1216	<b>T715-1216</b>	70	32	<b>T730-1216</b>		
25	1	3/4	-1612						
25	1	1	-1616	<b>T715-1616</b>	78	29	<b>T730-1616</b>	98	42
25	1	1.1/4	-1620	<b>T715-1620</b>	80	31	<b>T730-1620</b>	99	44
31	1.1/4	1	-2016	<b>T715-2016</b>	104	31			
31	1.1/4	1.1/4	-2020	<b>T715-2020</b>	100	34	<b>T730-2020</b>	135	52
31	1.1/4	1.1/2	-2024	<b>T715-2024</b>	103	37	<b>T730-2024</b>	136	55
38	1.1/2	1.1/2	-2424	<b>T715-2424</b>	113	41	<b>T730-2424</b>	149	52
38	1.1/2	2	-2432	<b>T715-2432</b>	118	46	<b>T730-2432</b>	146	63
51	2	2	-3232	<b>T715-3232</b>	149	61	<b>T730-3232</b>	178	83
51	2	2.1/2	-3240						

### Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								



RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps. RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

\*5/8 is used by Komatsu.

# T700 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1,  
 RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

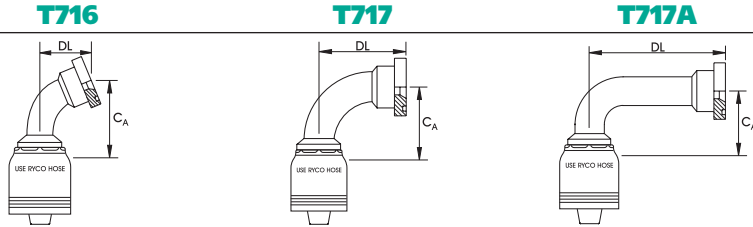
## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D,  
 H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

### SAE FLANGE

#### CODE 61

FLANGE OD PAGE 146  
 CLAMPS PAGE 281/282  
 \*5/8 KOMATSU  
 O RING NOT SUPPLIED

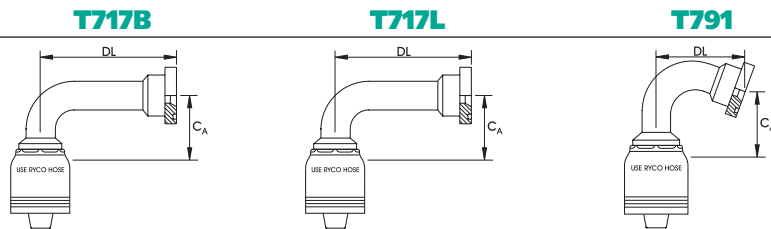


HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 67.5° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			CODE 61 FLANGE 90° SPECIAL TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808				<b>T717-0808</b>	38	42			
12	1/2	3/4	-0812				<b>T717-0812</b>	38	46	<b>T717A-0812</b>	41	71
19	3/4	*5/8	-1210				<b>T717-1210</b>	57	64			
19	3/4	3/4	-1212	<b>T716-1212</b>	73	41	<b>T717-1212</b>	55	52			
19	3/4	1	-1216	<b>T716-1216</b>	74	45	<b>T717-1216</b>	55	56	<b>T717A-1216</b>	59	84
25	1	3/4	-1612				<b>T717-1612</b>	67	67			
25	1	1	-1616	<b>T716-1616</b>	90	47	<b>T717-1616</b>	69	67			
25	1	1.1/4	-1620	<b>T716-1620</b>	91	50	<b>T717-1620</b>	69	70			
25	1	1.1/2	-1624				<b>T717-1624</b>	70	70			
31	1.1/4	1	-2016				<b>T717-2016</b>	93	74			
31	1.1/4	1.1/4	-2020	<b>T716-2020</b>	116	52	<b>T717-2020</b>	86	79			
31	1.1/4	1.1/2	-2024	<b>T716-2024</b>	119	53	<b>T717-2024</b>	86	83	<b>T717A-2024</b>	86	131
38	1.1/2	1.1/2	-2424	<b>T716-2424</b>	133	74	<b>T717-2424</b>	120	89			
38	1.1/2	2	-2432	<b>T716-2432</b>	136	81	<b>T717-2432</b>	120	97	<b>T717A-2432</b>	122	156
51	2	2	-3232	<b>T716-3232</b>	168	97	<b>T717-3232</b>	131	129	<b>T717A-3232</b>	124	223
51	2	2.1/2	-3240				<b>T717-3240</b>	131	135			

### SAE FLANGE

#### CODE 61

FLANGE OD PAGE 146  
 CLAMPS PAGE 281/282  
 O RING NOT SUPPLIED



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 90° SPECIAL TUBE BEND			CODE 61 FLANGE 90° LONG TUBE BEND			CODE 61 FLANGE 110° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T717B-1212</b>	58	52	<b>T717L-1212</b>	64	111			
25	1	1	-1616	<b>T717B-1616</b>	71	67	<b>T717L-1616</b>	70	133			
25	1	1.1/4	-1620				<b>T717L-1620</b>	70	133			
31	1.1/4	1.1/4	-2020	<b>T717B-2020</b>	86	79	<b>T717L-2020</b>	71	161			
31	1.1/4	1.1/2	-2024									
38	1.1/2	1.1/2	-2424	<b>T717B-2424</b>	120	89				<b>T791-2424</b>	143	107
38	1.1/2	2	-2432							<b>T791-2432</b>	143	107
51	2	2	-3232							<b>T791-3232</b>	162	112

### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

### SAE FLANGE

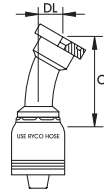
#### T733



#### T744



#### T745



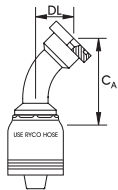
### CODE 62

FLANGE OD PAGE 149  
 CLAMPS PAGE 281/282  
 O RING NOT SUPPLIED

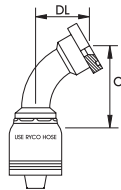
HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND			CODE 62 FLANGE 30° TUBE BEND		
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
12	1/2	1/2	-0808			T733-0808	46					
19	3/4	3/4	-1212			T733-1212	51		T744-1212	78	17	
19	3/4	1	-1216			T733-1216	54		T744-1216	81	18	
25	1	3/4	-1612			T733-1612	53					
25	1	1	-1616			T733-1616	56					
25	1	1.1/4	-1620			T733-1620	67		T745-1620	92	24	
31	1.1/4	1.1/4	-2020			T733-2020	69					
31	1.1/4	1.1/2	-2024			T733-2024	99					
38	1.1/2	1.1/2	-2424			T733-2424	99					
38	1.1/2	2	-2432			T733-2432	117					
51	2	2	-3232			T733-3232	118					

### SAE FLANGE

#### T735



#### T746



### CODE 62

FLANGE OD PAGE 149  
 CLAMPS PAGE 281/282  
 O RING NOT SUPPLIED

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 45° TUBE BEND	CODE 62 FLANGE 60° TUBE BEND				
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212			T735-1212	68	30	T746-1212	106	83
19	3/4	1	-1216			T735-1216	71	32	T746-1216	107	84
25	1	3/4	-1612			T735-1612	84	31			
25	1	1	-1616			T735-1616	93	44			
25	1	1.1/4	-1620			T735-1620	81	32			
31	1.1/4	1.1/4	-2020			T735-2020	99	34			
31	1.1/4	1.1/2	-2024			T735-2024	102	37			
38	1.1/2	1.1/2	-2424			T735-2424	117	44			
38	1.1/2	2	-2432			T735-2432	118	46			
51	2	2	-3232			T735-3232	149	61			

# T700 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1,  
 RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

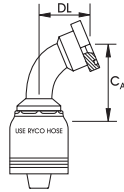
For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D,  
 H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

### SAE FLANGE

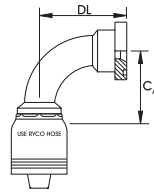
#### CODE 62

FLANGE OD BELOW  
 CLAMPS PAGE 281/282  
 O RING NOT SUPPLIED

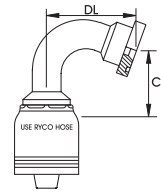
#### T736



#### T737



#### T793



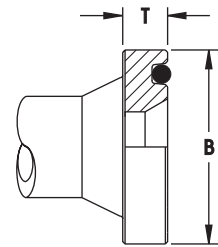
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 67.5° TUBE BEND			CODE 62 FLANGE 90° TUBE BEND			CODE 62 FLANGE 110° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808				<b>T737-0808</b>	38	45			
12	1/2	3/4	-0812				<b>T737-0812</b>	39	52			
19	3/4	3/4	-1212	<b>T736-1212</b>	99	85	<b>T737-1212</b>	55	88			
19	3/4	1	-1216	<b>T736-1216</b>	99	86	<b>T737-1216</b>	55	88			
25	1	3/4	-1612				<b>T737-1612</b>	73	104			
25	1	1	-1616				<b>T737-1616</b>	69	119			
25	1	1.1/4	-1620				<b>T737-1620</b>	69	119			
31	1.1/4	1.1/4	-2020				<b>T737-2020</b>	86	126			
31	1.1/4	1.1/2	-2024				<b>T737-2024</b>	85	126			
38	1.1/2	1.1/2	-2424				<b>T737-2424</b>	122	169	<b>T793-2424</b>	143	107
38	1.1/2	2	-2432				<b>T737-2432</b>	120	169	<b>T793-2432</b>	143	107
51	2	2	-3232				<b>T737-3232</b>	131	222	<b>T793-3232</b>	166	149

### Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps. RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.



### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

SPECIAL FLANGE	T733C	T744C	T745C
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**RYCO CODE 62C**

**FLANGE OD PAGE 151  
O RING NOT SUPPLIED**

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE	RYCO CODE 62C FLANGE 22.5° TUBE BEND			RYCO CODE 62C FLANGE 30° TUBE BEND		
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
19	3/4	3/4	-1212			T733C-1212	62		T744C-1212	132	20	
19	3/4	1	-1216			T733C-1216	62		T744C-1216	134	39	
25	1	1	-1616			T733C-1616	64					
25	1	1.1/4	-1620			T733C-1620	71					
31	1.1/4	1.1/4	-2020									
31	1.1/4	1.1/2	-2024									
38	1.1/2	1.1/2	-2424									

These T700C fittings have similar end styles to Caterpillar® XT-3 range of Flanged Hose Couplings.  
 Cat™ Caterpillar®, XT-3™ Caterpillar®

SPECIAL FLANGE	T735C	T746C
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**RYCO CODE 62C**

**FLANGE OD PAGE 151  
O RING NOT SUPPLIED**

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 45° TUBE BEND	RYCO CODE 62C FLANGE 60° TUBE BEND				
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212			T735C-1212	72	34	T746C-1212	107	84
19	3/4	1	-1216			T735C-1216	75	36	T746C-1216	108	86
25	1	1	-1616								
25	1	1.1/4	-1620								
31	1.1/4	1.1/4	-2020								
31	1.1/4	1.1/2	-2024								
38	1.1/2	1.1/2	-2424								

These T700C fittings have similar end styles to Caterpillar® XT-3 range of Flanged Hose Couplings.  
 Cat™ Caterpillar®, XT-3™ Caterpillar®

# T700 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

## SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

**SPECIAL FLANGE**

**RYCO CODE 62C**

**FLANGE OD BELOW O RING NOT SUPPLIED**

**T736C**

**T737C**

**T793C**

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 67.5° TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND	RYCO CODE 62C FLANGE 110° TUBE BEND
DN	inch	inch		PART NO	CA	DL
19	3/4	3/4	-1212	<b>T736C-1212</b>	100	87
19	3/4	1	-1216	<b>T736C-1216</b>	100	88
25	1	1	-1616			
25	1	1.1/4	-1620			
31	1.1/4	1.1/4	-2020			
31	1.1/4	1.1/2	-2024			
38	1.1/2	1.1/2	-2424			

These T700C fittings have similar end styles to Caterpillar® XT-3 range of Flanged Hose Couplings.

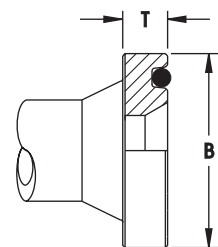
Cat™ Caterpillar®, XT-3™ Caterpillar®.

## Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C				
	B	T	B	T	B	T	B	T	B	T	B	T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305					
*5/8	34,0	1.34	6,73	0.265									
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559	
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559	
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559	
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559	
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495					
2.1/2	84,1	3.31	9,53	0.375									

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps. RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.



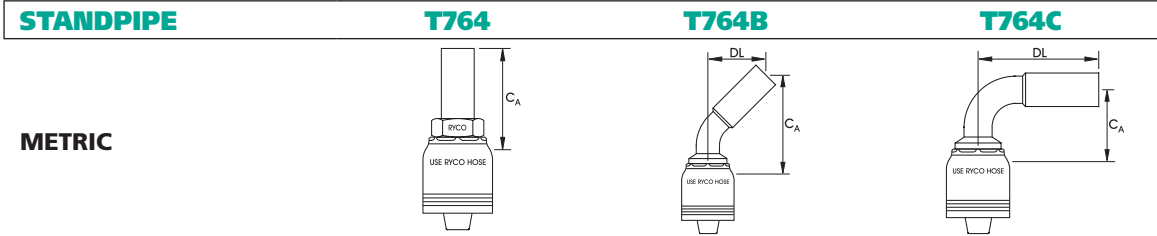


### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

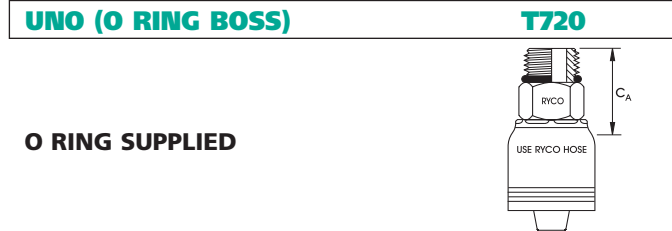


HOSE SIZE	TUBE SIZE	DASH SIZE	METRIC STANDPIPE	METRIC STANDPIPE 45° TUBE BEND	METRIC STANDPIPE 90° TUBE BEND					
DN	inch	mm	PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
12	1/2	14	-0814	<b>T764-0814</b>	41					
12	1/2	16	-0816							
19	3/4	20	-1220	<b>T764-1220</b>	50					
19	3/4	25	-1225							
25	1	25	-1625							
31	1.1/4	30	-2030	<b>T764-2030</b>	23					
31	1.1/4	38	-2038	<b>T764-2038</b>	23					

Note: See page 273 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings



HOSE SIZE	A	DASH SIZE	SALVAGE (LIFESAVER)		
DN	inch	inch	PART NO	CA	
10	3/8	3/8	-0606		
12	1/2	1/2	-0808	<b>T723-0808</b>	19
12	1/2	5/8	-0810	<b>T723-0810</b>	21
19	3/4	5/8	-1210	<b>T723-1210</b>	21
19	3/4	3/4	-1212	<b>T723-1212</b>	26
19	3/4	1	-1216	<b>T723-1216</b>	21
25	1	3/4	-1612	<b>T723-1612</b>	27
25	1	1	-1616	<b>T723-1616</b>	26
25	1	1.1/4	-1620	<b>T723-1620</b>	27
31	1.1/4	1	-2016	<b>T723-2016</b>	29
31	1.1/4	1.1/4	-2020	<b>T723-2020</b>	31
38	1.1/2	1.1/2	-2424	<b>T723-2424</b>	34
51	2	2	-3232	<b>T723-3232</b>	41



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE		
DN	inch	inch	inch	PART NO	CA	
10	3/8	9/16	3/8	-0609		
12	1/2	3/4	1/2	-0812		
16	5/8	7/8	5/8	-1014		
19	3/4	1.1/16	3/4	-1217	<b>T720-1217</b>	36
25	1	1.5/16	1	-1621	<b>T720-1621</b>	39
31	1.1/4	1.5/8	1.1/4	-2026		

**WARNING:** Due to high pressures involved, special care must be taken when using **T723** Salvage Couplings. See Clause 8 of the Terms & Conditions of Sale.

# T900 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H13A, H13D, H13S all sizes.

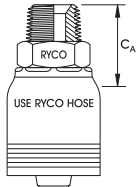
For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

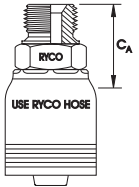
All T900 Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut". Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

**BSP**

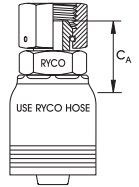
**T901**



**T901P**



**T902**

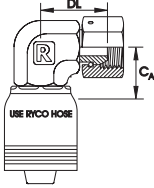


**60° SEAT**

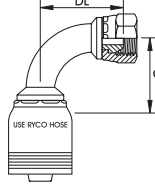
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE	BSPP MALE	BSPP FEMALE
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO
19	3/4	3/4	-1212	T901-1212	42	T902-1212
25	1	1	-1616	T901-1616	49	T902-1616
31	1.1/4	1.1/4	-2020	T901-2020	54	T902-2020
38	1.1/2	1.1/2	-2424	T901-2424	61	T902-2424
51	2	2	-3232	T901-3232	64	T902-3232

**BSP**

**T905**



**T926**



**60° SEAT**

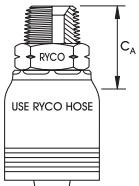
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 90° ELBOW	BSPP FEMALE 90° TUBE BEND
DN	inch	inch		PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	T905-1212	33
25	1	1	-1616	T905-1616	33
31	1.1/4	1.1/4	-2020	T905-2020	40
38	1.1/2	1.1/2	-2424	T905-2424	61
51	2	2	-3232	T905-3232	61

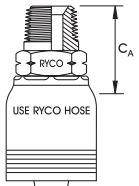
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 90° ELBOW	DL	BSPP FEMALE 90° TUBE BEND	C <sub>A</sub>	DL
19	3/4	3/4	-1212	T905-1212	36	T926-1616	71	75
25	1	1	-1616	T905-1616	40	T926-2020	86	89
31	1.1/4	1.1/4	-2020	T905-2020	47			
38	1.1/2	1.1/2	-2424	T905-2424	59			
51	2	2	-3232	T905-3232				

**NPT**

**T909**



**T909E**



**60° SEAT**

HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED (API)
DN	inch	inch		PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	T909-1212	42
25	1	1	-1616	T909-1616	49
31	1.1/4	1.1/4	-2020	T909-2020	54
38	1.1/2	1.1/2	-2424	T909-2424	61
51	2	2	-3232	T909-3232	64

HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED (API)
DN	inch	inch		PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	T909-1212	42
25	1	1	-1616	T909-1616	49
31	1.1/4	1.1/4	-2020	T909-2020	54
38	1.1/2	1.1/2	-2424	T909-2424	61
51	2	2	-3232	T909-3232	64

**NON-SKIVE**

For RYCO Hose Series H13A, H13D, H13S all sizes.

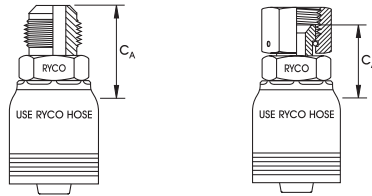
For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

All T900 Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut". Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

**JIC** **T903** **T904**

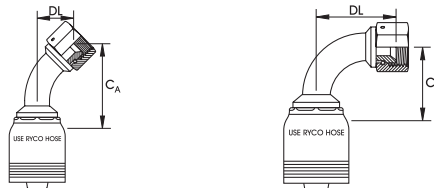
**37° FLARE**



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE		
DN	inch	inch	inch				PART NO	CA	PART NO	CA
19	3/4	1.1/16	3/4	-1217			<b>T903-1217</b>	46	<b>T904-1217</b>	28
19	3/4	1.5/16	1	-1221					<b>T904-1221</b>	32
25	1	1.5/16	1	-1621			<b>T903-1621</b>	48	<b>T904-1621</b>	34
31	1.1/4	1.5/8	1.1/4	-2026			<b>T903-2026</b>	58	<b>T904-2026</b>	40
38	1.1/2	1.7/8	1.1/2	-2430			<b>T903-2430</b>	63	<b>T904-2430</b>	43
51	2	2.1/2	2	-3240			<b>T903-3240</b>	71	<b>T904-3240</b>	56

**JIC** **T925** **T924**

**37° FLARE**



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND		JIC FEMALE 90° TUBE BEND			
DN	inch	inch	inch				PART NO	CA	DL	PART NO	CA	DL
19	3/4	1.1/16	3/4	-1217			<b>T925-1217</b>	72	30	<b>T924-1217</b>	57	55
25	1	1.5/16	1	-1621			<b>T925-1621</b>	83	32	<b>T924-1621</b>	71	93
31	1.1/4	1.5/8	1.1/4	-2026			<b>T925-2026</b>	102	46	<b>T924-2026</b>	82	89
38	1.1/2	1.7/8	1.1/2	-2430			<b>T925-2430</b>	123	49	<b>T924-2430</b>	111	112
51	2	2.1/2	2	-3240			<b>T925-3240</b>	156	64	<b>T924-3240</b>	136	133

# T900 BITELOK One-Piece Crimp Couplings



## NON-SKIVE

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

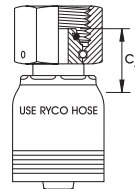
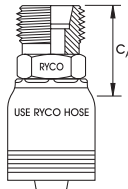
All T900 Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut". Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

### METRIC

#### T963

#### T971

**DKS/DKOS  
METRIC O RING (HEAVY)**



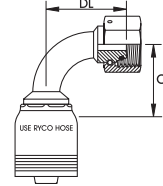
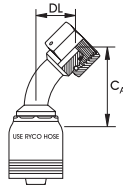
HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE		DKOS FEMALE 24° CONE	
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	36x2,0	25	-1236	<b>T963-1236</b>	40	<b>T971-1236</b>	42
25	1	42x2,0	30	-1642	<b>T963-1642</b>	45	<b>T971-1642</b>	37
31	1.1/4	52x2,0	38	-2052	<b>T963-2052</b>	48	<b>T971-2052</b>	39

### METRIC

#### T972

#### T973

**DKOS  
METRIC O RING (HEAVY)**



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE 45° TUBE BEND		DKOS FEMALE 24° CONE 90° TUBE BEND			
DN	inch	mm	mm		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	36x2,0	25	-1236	<b>T972-1236</b>	78	37	<b>T973-1236</b>	57	64
25	1	42x2,0	30	-1642	<b>T972-1642</b>	87	36	<b>T973-1642</b>	71	77
31	1.1/4	52x2,0	38	-2052	<b>T972-2052</b>	109	43	<b>T973-2052</b>	86	92

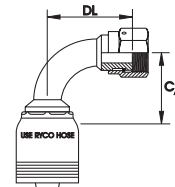
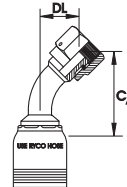
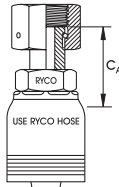
### ORFS

#### T980

#### T981

#### T982

**O RING  
FACE SEAL**



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE		ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° MEDIUM BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.3/16	3/4	-1219	<b>T980-1219</b>	44	<b>T981-1219</b>	67	25	<b>T982-1219</b>	57	48
25	1	1.7/16	1	-1623	<b>T980-1623</b>	56	<b>T981-1623</b>	83	33	<b>T982-1623</b>	71	73
31	1.1/4	1.11/16	1.1/4	-2027	<b>T980-2027</b>	59	<b>T981-2027</b>	108	42	<b>T982-2027</b>	86	90
38	1.1/2	2	1.1/2	-2432	<b>T980-2432</b>	69						

**NON-SKIVE**

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

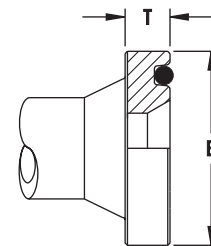
For RYCO Hose H1516D, H1520D.

<b>RYCOLOK &amp; RYCO SUPERLOK</b>	<b>T987</b>	<b>T987S</b>
<p><b>STAPLE SUPERSTAPLE</b></p> <p><b>O RING &amp; BACK UP RING SUPPLIED</b></p>		

HOSE SIZE		STAPLE SIZE	DASH SIZE	RYCOLOK MALE	RYCO SUPERLOK MALE		
DN	inch	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	20	-1220	<b>T987-1220</b>	41	<b>T987S-1220</b>	50
25	1	25	-1625	<b>T987-1625</b>	49	<b>T987S-1625</b>	57
31	1.1/4	32	-2032	<b>T987-2032</b>	49	<b>T987S-2032</b>	71
38	1.1/2	40	-2440	<b>T987-2440</b>	58	<b>T987S-2440</b>	80
51	2	50	-3250	<b>T987-3250</b>	62	<b>T987S-3250</b>	83

**Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges**

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								



\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

NON-SKIVE

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

SAE FLANGE	T913	T915
<p><b>CODE 61</b></p> <p><b>FLANGE OD PAGE 156</b></p> <p><b>CLAMPS PAGE 281/282</b></p> <p><b>O RING NOT SUPPLIED</b></p>		

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T913-1212</b>	48	<b>T915-1212</b>	69	28
25	1	1	-1616	<b>T913-1616</b>	53	<b>T915-1616</b>	80	29
25	1	1.1/4	-1620	<b>T913-1620</b>	58	<b>T915-1620</b>	81	31
31	1.1/4	1.1/4	-2020	<b>T913-2020</b>	58	<b>T915-2020</b>	100	34
31	1.1/4	1.1/2	-2024	<b>T913-2024</b>	84	<b>T915-2024</b>	103	37
38	1.1/2	1.1/2	-2424	<b>T913-2424</b>	86	<b>T915-2424</b>	114	41
38	1.1/2	2	-2432	<b>T913-2432</b>	96	<b>T915-2432</b>	119	46
51	2	2	-3232	<b>T913-3232</b>	100	<b>T915-3232</b>	154	61

SAE FLANGE	T917	T991
<p><b>CODE 61</b></p> <p><b>FLANGE OD PAGE 156</b></p> <p><b>CLAMPS PAGE 281/282</b></p> <p><b>O RING NOT SUPPLIED</b></p>		

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 90° TUBE BEND	CODE 61 FLANGE 110° TUBE BEND				
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T917-1212</b>	57	52			
25	1	1	-1616	<b>T917-1616</b>	71	67			
25	1	1.1/4	-1620	<b>T917-1620</b>	71	70			
31	1.1/4	1.1/4	-2020	<b>T917-2020</b>	86	79			
31	1.1/4	1.1/2	-2024	<b>T917-2024</b>	86	83			
38	1.1/2	1.1/2	-2424	<b>T917-2424</b>	121	89	<b>T991-2424</b>	148	107
38	1.1/2	2	-2432	<b>T917-2432</b>	121	97	<b>T991-2432</b>	147	115
51	2	2	-3232	<b>T917-3232</b>	136	129	<b>T991-3232</b>	166	136

**NON-SKIVE**

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

SAE FLANGE	T933	T944	T945
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**CODE 62**

**FLANGE OD PAGE 159**  
**CLAMPS PAGE 281/282**

**O RING NOT SUPPLIED**

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 22.5° TUBE BEND			CODE 62 FLANGE 30° TUBE BEND				
DN	inch	inch				PART NO	CA	DL	PART NO	CA	DL			
19	3/4	3/4	-1212			T933-1212	53		T944-1212	80	17	T945-1212	74	19
25	1	3/4	-1612			T933-1612	54							
25	1	1	-1616			T933-1616	57		T944-1616	92	18	T945-1616	91	23
25	1	1.1/4	-1620			T933-1620	69					T945-1620	94	24
25	1	1.1/2	-1624											
31	1.1/4	1	-2016			T933-2016	68							
31	1.1/4	1.1/4	-2020			T933-2020	69		T944-2020	108	21	T945-2020	130	27
31	1.1/4	1.1/2	-2024			T933-2024	98		T944-2024	138	25	T945-2024	112	27
38	1.1/2	1.1/2	-2424			T933-2424	100		T944-2424	132	16	T945-2424	136	27
38	1.1/2	2	-2432			T933-2432	118							
51	2	2	-3232			T933-3232	122		T944-3232	168	29	T945-3232	165	38

SAE FLANGE	T935	T946	T936
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**CODE 62**

**FLANGE OD PAGE 159**  
**CLAMPS PAGE 281/282**

**O RING NOT SUPPLIED**

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 45° TUBE BEND	CODE 62 FLANGE 60° TUBE BEND			CODE 62 FLANGE 67.5° TUBE BEND				
DN	inch	inch				PART NO	CA	DL	PART NO	CA	DL	PART NO	CA	DL
19	3/4	3/4	-1212			T935-1212	69	24	T946-1212	71	30	T936-1212	81	36
25	1	1	-1616			T935-1616	83	32	T946-1616	81	30	T936-1616	95	47
25	1	1.1/4	-1620			T935-1620	86	34	T946-1620	83	32	T936-1620	95	47
25	1	1.1/2	-1624											
31	1.1/4	1.1/4	-2020			T935-2020	98	40	T946-2020	102	36	T936-2020	110	60
31	1.1/4	1.1/2	-2024			T935-2024	127	45	T946-2024	106	40	T936-2024	113	65
38	1.1/2	1.1/2	-2424			T935-2424	117	42	T946-2424	117	44			
38	1.1/2	2	-2432			T935-2432	123	47	T946-2432	123	50			
51	2	2	-3232			T935-3232	151	66	T946-3232	156	63			



# T900 BITELOK One-Piece Crimp Couplings

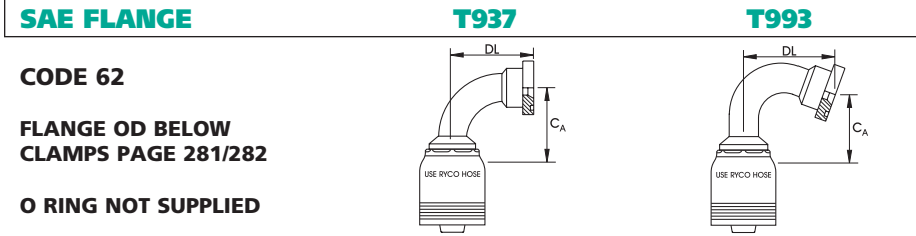


NON-SKIVE

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.



**CODE 62**

**FLANGE OD BELOW  
CLAMPS PAGE 281/282**

**O RING NOT SUPPLIED**

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE 90° TUBE BEND			CODE 62 FLANGE 110° TUBE BEND		
DN	inch	inch		PART NO	CA	DL	PART NO	CA	DL
19	3/4	3/4	-1212	<b>T937-1212</b>	57	54			
19	3/4	1	-1216	<b>T937-1216</b>					
25	1	3/4	-1612	<b>T937-1612</b>					
25	1	1	-1616	<b>T937-1616</b>	71	69			
25	1	1.1/4	-1620	<b>T937-1620</b>	71	72			
25	1	1.1/2	-1624						
31	1.1/4	1.1/4	-2020	<b>T937-2020</b>	86	82			
31	1.1/4	1.1/2	-2024	<b>T937-2024</b>	86	88			
38	1.1/2	1.1/2	-2424	<b>T937-2424</b>	121	94	<b>T993-2424</b>	153	107
38	1.1/2	2	-2432	<b>T937-2432</b>	121	102	<b>T993-2432</b>	151	115
51	2	2	-3232	<b>T937-3232</b>	136	132	<b>T993-3232</b>	172	136

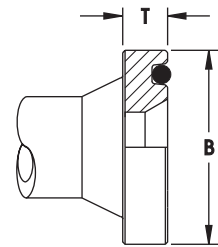
## Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.



Intro

Hose

Couplings

Adaptors

Accessories

Filters

Technical

**NON-SKIVE**

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

For RYCO Hose H1516D, H1520D.

SPECIAL FLANGE	T933C	T944C	T945C
<p><b>RYCO CODE 62C</b></p> <p><b>FLANGE OD PAGE 159</b> <b>O RING NOT SUPPLIED</b></p>			

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE	RYCO CODE 62C FLANGE 22.5° TUBE BEND			RYCO CODE 62C FLANGE 30° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	
19	3/4	3/4	-1212	T933C-1212	53	T944C-1212	81	16	T945C-1212	79	22	
25	1	1	-1616	T933C-1616	57	T944C-1616	93	16	T945C-1616	95	25	
25	1	1.1/4	-1620	T933C-1620	69	T944C-1620	95	17	T945C-1620	93	24	
31	1.1/4	1.1/4	-2020	T933C-2020	69	T944C-2020	137	22	T945C-2020	103	22	
31	1.1/4	1.1/2	-2024	T933C-2024	98	T944C-2024	140	21	T945C-2024	113	28	
38	1.1/2	1.1/2	-2424	T933C-2424	100	T944C-2424	128	22	T945C-2424	138	28	
51	2	2	-3232	T933C-3232	118							

These T900C fittings have similar end styles to Caterpillar® XT-5 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-5™ Caterpillar®.

SPECIAL FLANGE	T935C	T946C
<p><b>RYCO CODE 62C</b></p> <p><b>FLANGE OD PAGE 159</b> <b>O RING NOT SUPPLIED</b></p>		

HOSE SIZE				NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 45° TUBE BEND	RYCO CODE 62C FLANGE 60° TUBE BEND		
DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	T935C-1212	75	34	T946C-1212	85	42
25	1	1	-1616	T935C-1616	84	33	T946C-1616	103	47
25	1	1.1/4	-1620	T935C-1620	82	31	T946C-1620	104	49
31	1.1/4	1.1/4	-2020	T935C-2020	102	45	T946C-2020	137	58
31	1.1/4	1.1/2	-2024	T935C-2024	128	46	T946C-2024	139	61
38	1.1/2	1.1/2	-2424	T935C-2424	119	45	T946C-2424	147	62

These T900C fittings have similar end styles to Caterpillar® XT-5 range of Flanged Hose Couplings. Cat™ Caterpillar®, XT-5™ Caterpillar®.

## NON-SKIVE

For RYCO Hose Series H13A, H13D, H13S all sizes.

For RYCO Hose HSH12A, HSH16A.

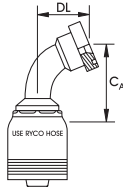
For RYCO Hose H1516D, H1520D.

### SPECIAL FLANGE

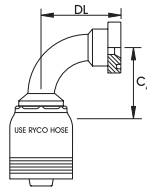
**RYCO  
CODE 62C**

**FLANGE OD PAGE 159  
O RING NOT SUPPLIED**

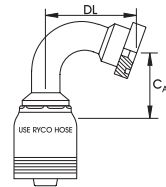
#### T936C



#### T937C



#### T993C



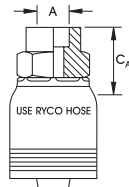
HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE 67.5° TUBE BEND	RYCO CODE 62C FLANGE 90° TUBE BEND	RYCO CODE 62C FLANGE 110° TUBE BEND
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DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	<b>T936C-1212</b>	83	41	<b>T937C-1212</b>	57	59			
25	1	1	-1616	<b>T936C-1616</b>	97	51	<b>T937C-1616</b>	71	73			
25	1	1.1/4	-1620	<b>T936C-1620</b>	98	54	<b>T937C-1620</b>	71	76			
31	1.1/4	1.1/4	-2020	<b>T936C-2020</b>	137	69	<b>T937C-2020</b>	83	88			
31	1.1/4	1.1/2	-2024	<b>T936C-2024</b>	138	74	<b>T937C-2024</b>	107	102			
38	1.1/2	1.1/2	-2424	<b>T936C-2424</b>	140	69	<b>T937C-2424</b>	121	96	<b>T993C-2424</b>	118	131

These T900C fittings have similar end styles to Caterpillar® XT-5 range of Flanged Hose Couplings.  
Cat™ Caterpillar®, XT-5™ Caterpillar®.

### SALVAGE

#### T923



**TUBE WELD**

HOSE SIZE	A	DASH SIZE	SALVAGE (LIFESAVER)
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DN	inch	inch		PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	<b>T923-1212</b>	
25	1	1	-1616	<b>T923-1616</b>	33
31	1.1/4	1.1/4	-2020	<b>T923-2020</b>	38
38	1.1/2	1.1/2	-2424	<b>T923-2424</b>	40
51	2	2	-3232	<b>T923-3232</b>	48

**WARNING:** Due to high pressures involved, special care must be taken when using T923 Salvage Couplings. See Clause 8 of the Terms & Conditions of Sale.

## INTERNAL AND EXTERNAL SKIVE

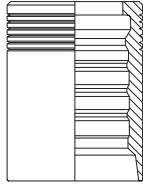
For RYCO Hose H15D sizes -12 to -32.

Part No. is for Inserts only. Add prefix "6" to Part No. shown to include 6900N Series Ferrule.

EXAMPLE: Part No. 901N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 6901N-1212.

### FERRULE

### 6900N



All **900N** Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut".

Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

HOSE SIZE	DASH SIZE	FERRULE
DN	inch	PART NO
19	3/4	-12
25	1	-16
31	1.1/4	-20
38	1.1/2	-24
51	2	-32

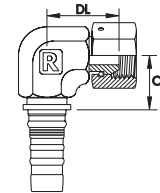
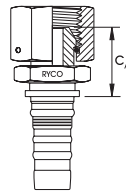
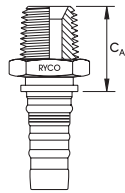
### BSP

### 901N

### 902N

### 905N

60° SEAT



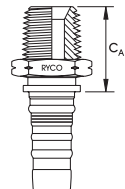
HOSE SIZE	THREAD SIZE	DASH SIZE	BSPT MALE	BSP FEMALE	BSPP FEMALE 90° ELBOW				
DN	inch	inch	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	3/4	-1212	901N-1212	43	902N-1212	31		
25	1	1	-1616	901N-1616	50	902NH-1616	39	905N-1616	
31	1.1/4	1.1/4	-2020	901N-2020	57	902N-2020	44		
38	1.1/2	1.1/2	-2424	901N-2424	63	902N-2424	46		
51	2	2	-3232	901N-3232		902N-3232			

Please Note: 902NH -1616 is Heavy Duty.

### NPT

### 909N

60° SEAT



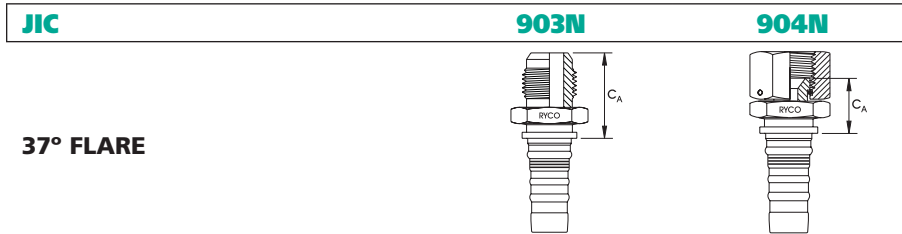
HOSE SIZE	THREAD SIZE	DASH SIZE	NPT MALE		
DN	inch	inch	PART NO	C <sub>A</sub>	
19	3/4	3/4	-1212	909N-1212	47
25	1	1	-1616	909N-1616	50
31	1.1/4	1.1/4	-2020	909N-2020	55
38	1.1/2	1.1/2	-2424	909N-2424	61
51	2	2	-3232	909N-3232	

## INTERNAL AND EXTERNAL SKIVE

For RYCO Hose H15D sizes -12 to -32.

Part No. is for Inserts only. Add prefix "6" to Part No. shown to include 6900N Series Ferrule.

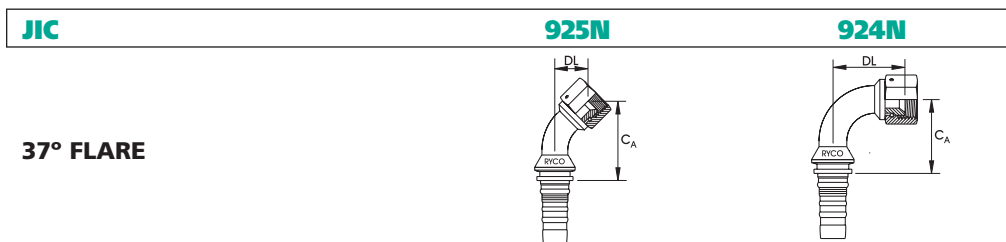
EXAMPLE: Part No. 901N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 6901N-1212.



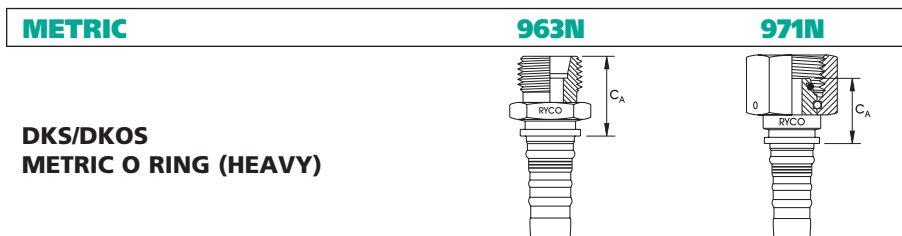
All **900N** Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut".

Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	1.1/16	3/4	-1217	<b>903N-1217</b>	47	<b>904N-1217</b>	30
25	1	1.5/16	1	-1621	<b>903N-1621</b>	49	<b>904N-1621</b>	33
31	1.1/4	1.5/8	1.1/4	-2026	<b>903N-2026</b>	61	<b>904N-2026</b>	42
38	1.1/2	1.7/8	1.1/2	-2430	<b>903N-2430</b>	65	<b>904N-2430</b>	43
51	2	2.1/2	2	-3240	<b>903N-3240</b>		<b>904N-3240</b>	



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND	JIC FEMALE 90° TUBE BEND				
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1.1/16	3/4	-1217	<b>925N-1217</b>	72	30	<b>924N-1217</b>	58	55
25	1	1.5/16	1	-1621	<b>925N-1621</b>	83	32	<b>924N-1621</b>	71	93
31	1.1/4	1.5/8	1.1/4	-2026	<b>925N-2026</b>			<b>924N-2026</b>	84	89
38	1.1/2	1.7/8	1.1/2	-2430	<b>925N-2430</b>			<b>924N-2430</b>	112	112
51	2	2.1/2	2	-3240	<b>925N-3240</b>			<b>924N-3240</b>		



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE	DKOS FEMALE 24° CONE		
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	36x2,0	25	-1236	<b>963N-1236</b>	42	<b>971N-1236</b>	44
25	1	42x2,0	30	-1642	<b>963N-1642</b>	47	<b>971N-1642</b>	38
31	1.1/4	52x2,0	38	-2052	<b>963N-2052</b>	52	<b>971N-2052</b>	41

## INTERNAL AND EXTERNAL SKIVE

For RYCO Hose H15D sizes -12 to -32.

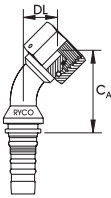
Part No. is for Inserts only. Add prefix "6" to Part No. shown to include 6900N Series Ferrule.

EXAMPLE: Part No. 901N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 6901N-1212.

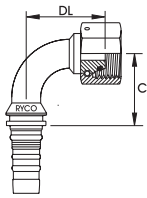
### METRIC

#### DKS/DKOS METRIC O RING (HEAVY)

#### 972N



#### 973N



All 900N Female Swivel Nut Couplings are shown as "Wire Nut" or "Slip Nut".

Some sizes of BSPP, JIC and Metric are "Crimp Nut". See note on page 87.

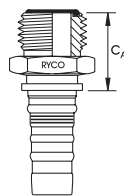
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE 45° TUBE BEND	DKOS FEMALE 24° CONE 90° TUBE BEND
-----------	-------------	-----------	-----------	--	--

DN	inch	mm	mm		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	36x2,0	25	-1236	972N-1236	79	37	973N-1236	58	64
25	1	42x2,0	30	-1642	972N-1642	87	36	973N-1642	71	77
31	1.1/4	52x2,0	38	-2052	972N-2052	111	43	973N-2052	88	92

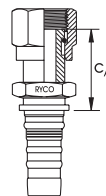
### ORFS

#### O RING FACE SEAL

#### 984N



#### 980N



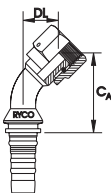
HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS MALE	ORFS FEMALE
-----------	-------------	-----------	-----------	-----------	-------------

DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
25	1	1.7/16	1	-1623	984N-1623	44	980N-1623	50
31	1.1/4	1.11/16	1.1/4	-2027	984N-2027	49	980N-2027	61

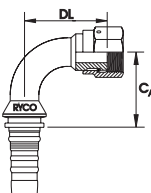
### ORFS

#### O RING FACE SEAL

#### 981N



#### 982N



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND	ORFS FEMALE 90° TUBE BEND
-----------	-------------	-----------	-----------	------------------------------	------------------------------

DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
25	1	1.7/16	1	-1623	981N-1623	84	33	982N-1623	71	73
31	1.1/4	1.11/16	1.1/4	-2027	981N-2027	110	42	982N-2027	88	90

## INTERNAL AND EXTERNAL SKIVE

For RYCO Hose H15D sizes -12 to -32.

Part No. is for Inserts only. Add prefix "6" to Part No. shown to include 6900N Series Ferrule.

EXAMPLE: Part No. 901N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 6901N-1212.

SAE FLANGE	913N	915N	917N
<b>CODE 61</b>			
<b>FLANGE OD BELOW CLAMPS PAGE 281/282</b>			
<b>O RING NOT SUPPLIED</b>			

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND
DN	inch	inch		PART NO	PART NO	PART NO
				CA	CA	CA
					DL	DL
19	3/4	3/4	-1212	913N-1212	915N-1212	917N-1212
25	1	1	-1616	913N-1616	915N-1616	917N-1616
25	1	1.1/4	-1620			
31	1.1/4	1.1/4	-2020	913N-2020	915N-2020	917N-2020
31	1.1/4	1.1/2	-2024			
38	1.1/2	1.1/2	-2424	913N-2424	915N-2424	917N-2424
38	1.1/2	2	-2432			

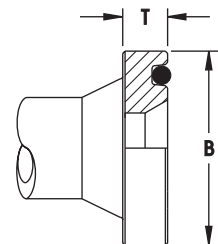
## Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.



## INTERNAL AND EXTERNAL SKIVE

For RYCO Hose H15D sizes -12 to -32.

Part No. is for Inserts only. Add prefix "6" to Part No. shown to include 6900N Series Ferrule.

EXAMPLE: Part No. 901N-1212 is Insert only. To include Ferrule as well as Insert, order Part No. 6901N-1212.

SAE FLANGE	933N	935N	937N
<p><b>CODE 62</b></p> <p>FLANGE OD PAGE 165 CLAMPS PAGE 281/282</p> <p><b>O RING NOT SUPPLIED</b></p>			

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 45° TUBE BEND			CODE 62 FLANGE 90° TUBE BEND			
DN	inch	inch		PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
19	3/4	3/4	-1212	933N-1212	53	935N-1212	71	30	937N-1212	58	54
25	1	1	-1616	933N-1616	57	935N-1616	81	30	937N-1616	71	69
25	1	1.1/4	-1620								
31	1.1/4	1.1/4	-2020	933N-2020	70	935N-2020	104	36	937N-2020	88	82
31	1.1/4	1.1/2	-2024						937N-2024	88	88
38	1.1/2	1.1/2	-2424	933N-2424	102	935N-2424	119	44	937N-2424	122	94
38	1.1/2	2	-2432								
51	2	2	-3232	933N-3232		935N-3232			937N-3232		

SPECIAL FLANGE	933CN	935CN
<p><b>RYCO CODE 62C</b></p> <p>FLANGE OD PAGE 165</p> <p><b>O RING NOT SUPPLIED</b></p>		

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62C FLANGE	RYCO CODE 62C FLANGE 45° TUBE BEND			
DN	inch	inch		PART NO	CA	PART NO	CA	DL
19	3/4	3/4	-1212					
25	1	1	-1616					
31	1.1/4	1.1/4	-2020					
38	1.1/2	1.1/2	-2424	933CN-2424	104	935CN-2424	120	45

These T900CN fittings have similar end styles to Caterpillar® XT-6 range of Flanged Hose Couplings.  
Cat™ Caterpillar®, XT-6™ Caterpillar®.



# RYCO

# DIEHARD

HOSE THAT WON'T SAY DIE



**ONE-PIECE 6000 PSI  
FRAS & ABRASION RESISTANT**

## SKIVE

For RYCO Hose H13A, H13D, H13S sizes -20 to -32.

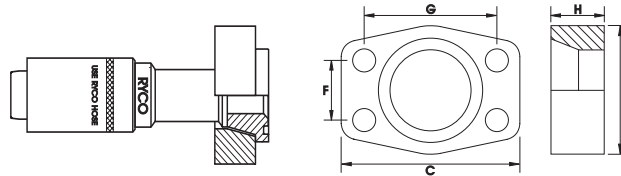
Part No. is for Complete Coupling including the 900K Insert, 6900K Ferrule and S142H Flange Clamp Block.

RYCO **6900K** Series Hose Couplings are used on some heavy mining equipment.

They utilise an extended hose tail and ferrule, with a RYCO Code 62K Flange (with the same Outside Diameter and O Ring groove dimensions as SAE Code 62, but a different shape at the rear of the flange).

RYCO Code 62K Flanges have a long taper at the back of the Flange Head for the Flange Clamp.

The **S142H** Flange Clamp is a one-piece heavy block style that clamps the long taper.

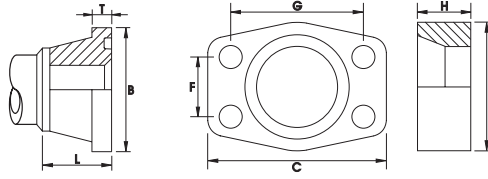


**NOTE:** Assembly by RYCO Hydraulics - Sold only as fabricated hose assemblies.

SPECIAL FLANGE				6933K	6910K	6944K
<b>SPECIAL FLANGE</b> <b>RYCO CODE 62K</b> <b>FLANGE OD PAGE 169</b> <b>O RING NOT SUPPLIED</b>						
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62K FLANGE	RYCO CODE 62K FLANGE 10° TUBE BEND	RYCO CODE 62K FLANGE 30° TUBE BEND
DN	inch	inch		PART NO	C <sub>A</sub>	DL
31	1.1/4	1.1/4	-2020	<b>6933K-2020</b>	91	
38	1.1/2	1.1/2	-2424	<b>6933K-2424</b>	112	
51	2	2	-3232	<b>6933K-3232</b>	127	<b>6910K-3232</b> <b>6944K-3232</b>
						C <sub>A</sub>
						DL

SPECIAL FLANGE				6935K	6935KL	6937K
<b>SPECIAL FLANGE</b> <b>RYCO CODE 62K</b> <b>FLANGE OD PAGE 169</b> <b>O RING NOT SUPPLIED</b>						
HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	RYCO CODE 62K FLANGE 45° TUBE BEND	RYCO CODE 62K FLANGE 45° LONG BEND	RYCO CODE 62K FLANGE 90° TUBE BEND
DN	inch	inch		PART NO	C <sub>A</sub>	DL
31	1.1/4	1.1/4	-2020	<b>6935K-2020</b>	140	60
38	1.1/2	1.1/2	-2424	<b>6935K-2424</b>	177	81
51	2	2	-3232	<b>6935K-3232</b>	190	93
						248
						149
						117
						149
						200

# 6900K BITELOK Two-Piece Crimp Couplings



NOM. FLANGE SIZE	DASH SIZE	B	T	L	G	F	C	H	D	BOLT HOLE DIAM.									
inch		mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1.1/4	-20	53.8	2.12	10,0	0.39	34,3	1.35	66,7	2.63	31,8	1.25	95,9	3.78	32,0	1.26	98,5	3.88	15,2	0.60
1.1/2	-24	68,4	2.69	13,0	0.51	44,7	1.76	79,4	3.13	36,5	1.44	112,5	4.43	39,1	1.54	94,4	3.72	16,9	0.67
2	-32	79,2	3.12	13,0	0.51	55,0	2.17	96,8	3.81	44,5	1.75	133,5	5.23	50,4	1.98	114,3	4.50	20,7	0.81

# 6900T BITELOK Two-Piece Crimp Couplings



## SKIVE

For RYCO Hose H1332A, H1332D, H1332S.

Part No. is for Complete Coupling including the 900T Insert, but NOT the S42 Flange Clamp.

RYCO **6900T** Series Hose Couplings are used on some heavy mining equipment. They utilise an SAE Code 62 Flange and Code 62 Flange Clamps.

RYCO **6900T** Series Hose Couplings have the same extended hose tail and ferrule as RYCO **6900K** Series.

RYCO **6900T** Series Hose Couplings part numbers below include the **900T** Insert and **6900K** Ferrule, but NOT the **S42** Flange Clamp.

**NOTE: Assembly by RYCO Hydraulics - Sold only as fabricated hose assemblies.**

SAE FLANGE		6933T		6937T			
<b>CODE 62</b>							
FLANGE OD PAGE 171							
CLAMPS PAGE 281/282							
<b>O RING NOT SUPPLIED</b>							
HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	CODE 62 FLANGE	CODE 62 FLANGE 90° TUBE BEND			
DN	inch	inch	PART NO	CA	PART NO	CA	DL
2	2	2	6933T-3232	126	6937T-3232	130	167

## SKIVE

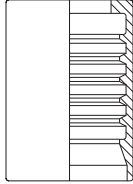
For RYCO Hose T240A.

Part No. is for Inserts only. Add prefix "1" to include 1200 Series Ferrule.

EXAMPLE: Part No. 202-4040 is Insert only. To include Ferrule as well as Insert, order Part No. 1202-4040.

### FERRULE

**1200**



HOSE SIZE		DASH SIZE	FERRULE
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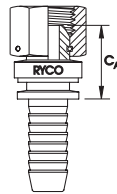
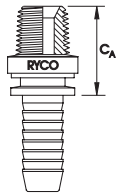
DN	inch		PART NO
63	2.1/2	-40	1200-40

### BSP

**201**

**202**

60° SEAT



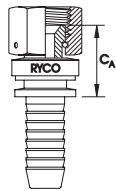
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE	BSP FEMALE
-----------	--	-------------	-----------	-----------	------------

DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
63	2.1/2	2.1/2	-4040	201-4040	63	202-4040	56

### JIC

**204**

37° FLARE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE
-----------	--	-------------	-----------	-----------	------------

DN	inch	inch	inch		PART NO	C <sub>A</sub>
63	2.1/2	3	2.1/2	-4048	204-4048	50

### RYCOLOK

**287**

STAPLE

O RING & BACK UP RING  
SUPPLIED



HOSE SIZE		STAPLE SIZE	DASH SIZE	RYCOLOK MALE
-----------	--	-------------	-----------	--------------

DN	inch	mm		PART NO	C <sub>A</sub>
63	2.1/2	65	-4065	287-4065	87

# 1200 Series BITELOK Two-Piece Crimp Couplings



## SKIVE

For RYCO Hose T240A.

Part No. is for Inserts only. Add prefix "1" to include 1200 Series Ferrule.

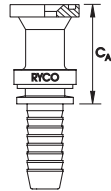
EXAMPLE: Part No. 202-4040 is Insert only. To include Ferrule as well as Insert, order Part No. 1202-4040.

### SAE FLANGE 213

CODE 61

FLANGE OD BELOW  
CLAMP PAGE 281/282

O RING NOT SUPPLIED



HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE
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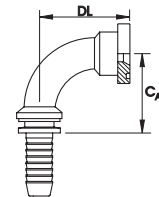
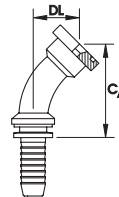
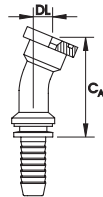
DN	inch	inch		PART NO	C <sub>A</sub>
63	2.1/2	2.1/2	-4040	213-4040	79

### SAE FLANGE 214                      215                      217

CODE 61

FLANGE OD BELOW  
CLAMP PAGE 281/282

O RING NOT SUPPLIED



HOSE SIZE	NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE 22.5° TUBE BEND	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND
-----------	------------------	-----------	--------------------------------	------------------------------	------------------------------

DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
63	2.1/2	2.1/2	-4040	214-4040	112	23	215-4040	135	48	217-4040	149	137

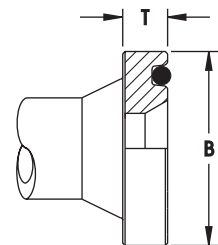
## Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								

\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

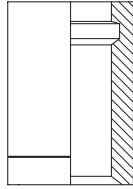


For RYCO Hose Series RTH1 all sizes.

Part No. is for Inserts only. Replace prefix "R" of Insert Part No. shown with "11" to include 1100 Series Ferrule.

EXAMPLE: Part No. R01-0404 is Insert only. To include 1100-04 Ferrule as well as Insert, order Part No. 1101-0404.

**FERRULE** **1100**



**NOTE: NEW PART NUMBERS**

1100 Series was previously named 1RT200 series.

Ferrule has been renamed from 1RT200 to 1100.  
Inserts have been renamed from RT200 to R00.

Part Numbers only have changed, design remains the same.

HOSE SIZE		DASH SIZE	FERRULE
DN	inch		PART NO
6	1/4	-04	<b>1100-04</b>
10	3/8	-06	<b>1100-06</b>
12	1/2	-08	<b>1100-08</b>
16	5/8	-10	<b>1100-10</b>
19	3/4	-12	<b>1100-12</b>
25	1	-16	<b>1100-16</b>

**BSP** **R01** **R02** **R26**

60° SEAT

HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE	BSPP FEMALE	BSP FEMALE 90° TUBE BEND				
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>R01-0404</b>	30	<b>R02-0404</b>	22	<b>R26-0404</b>	27	22
10	3/8	1/4	-0604	<b>R01-0604</b>	33					
10	3/8	3/8	-0606	<b>R01-0606</b>	33	<b>R02-0606</b>	24	<b>R26-0606</b>	36	34
10	3/8	1/2	-0608	<b>R01-0608</b>	38					
12	1/2	1/2	-0808	<b>R01-0808</b>	40	<b>R02-0808</b>	26	<b>R26-0808</b>	40	50
16	5/8	1/2	-1008			<b>R02-1008</b>	27			
19	3/4	3/4	-1212	<b>R01-1212</b>	41	<b>R02-1212</b>	28	<b>R26-1212</b>	55	60
25	1	1	-1616	<b>R01-1616</b>	48	<b>R02-1616</b>	33	<b>R26-1616</b>	70	69

# 1100 Series Two-Piece Crimp Couplings



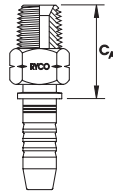
For RYCO Hose Series RTH1 all sizes.

Part No. is for Inserts only. Replace prefix "R" of Insert Part No. shown with "11" to include 1100 Series Ferrule.

EXAMPLE: Part No. R01-0404 is Insert only. To include 1100-04 Ferrule as well as Insert, order Part No. 1101-0404.

## NPT R09

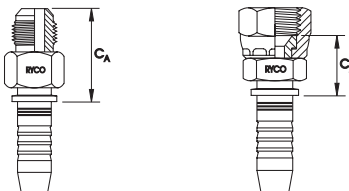
60° SEAT



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	R09-0404	30
10	3/8	1/4	-0604		
10	3/8	3/8	-0606	R09-0606	33
10	3/8	1/2	-0608		
12	1/2	1/2	-0808	R09-0808	40
16	5/8	1/2	-1008		
19	3/4	3/4	-1212	R09-1212	41
25	1	1	-1616	R09-1616	48

## JIC R03      R04

37° FLARE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	7/16	1/4	-0407	R03-0407	29	R04-0407	19
6	1/4	1/2	5/16	-0408	R03-0408	29	R04-0408	19
6	1/4	9/16	3/8	-0409	R03-0409	30	R04-0409	20
10	3/8	9/16	3/8	-0609	R03-0609	32	R04-0609	20
10	3/8	3/4	1/2	-0612	R03-0612	35	R04-0612	22
12	1/2	3/4	1/2	-0812	R03-0812	37	R04-0812	22
12	1/2	7/8	5/8	-0814	R03-0814	39	R04-0814	25
16	5/8	7/8	5/8	-1014			R04-1014	25
16	5/8	1.1/16	3/4	-1017			R04-1017	26
19	3/4	7/8	5/8	-1214			R04-1214	25
19	3/4	1.1/16	3/4	-1217			R04-1217	26
25	1	1.5/16	1	-1621			R04-1621	30

Intro

Hose

Couplings

Adaptors

Accessories

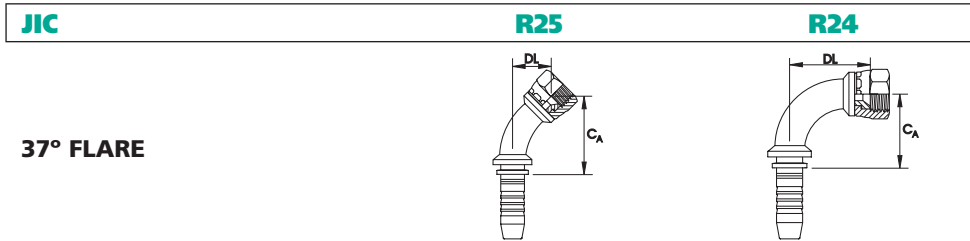
Filters

Technical

For RYCO Hose Series RTH1 all sizes.

Part No. is for Inserts only. Replace prefix "R" of Insert Part No. shown with "11" to include 1100 Series Ferrule.

EXAMPLE: Part No. R01-0404 is Insert only. To include 1100-04 Ferrule as well as Insert, order Part No. 1101-0404.



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407				<b>R24-0407</b>	26	32
6	1/4	1/2	5/16	-0408				<b>R24-0408</b>	26	30
10	3/8	9/16	3/8	-0609	<b>R25-0609</b>	40	16	<b>R24-0609</b>	34	32
10	3/8	3/4	1/2	-0612				<b>R24-0612</b>		
12	1/2	3/4	1/2	-0812				<b>R24-0812</b>	38	43
12	1/2	7/8	5/8	-0814	<b>R25-0814</b>	47	20	<b>R24-0814</b>	40	45
16	5/8	7/8	5/8	-1014				<b>R24-1014</b>	43	47
19	3/4	1.1/16	3/4	-1217				<b>R24-1217</b>	52	59
25	1	1.5/16	1	-1621				<b>R24-1621</b>	68	73



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE		
DN	inch	inch	inch	PART NO	C <sub>A</sub>	
6	1/4	7/16	1/4	-0407	<b>R54-0407</b>	19
6	1/4	1/2	5/16	-0408	<b>R54-0408</b>	19
10	3/8	5/8	3/8	-0610	<b>R54-0610</b>	20
10	3/8	3/4	1/2	-0612	<b>R54-0612</b>	22
12	1/2	3/4	1/2	-0812	<b>R54-0812</b>	22
12	1/2	7/8	5/8	-0814	<b>R54-0814</b>	26
16	5/8	7/8	5/8	-1014	<b>R54-1014</b>	25
19	3/4	7/8	5/8	-1214	<b>R54-1214</b>	25
19	3/4	1.1/16	3/4	-1217	<b>R54-1217</b>	26



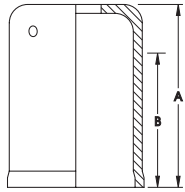
## NON-SKIVE

For RYCO Hose Series FB2 all sizes.

Part No. is for Inserts only. Add prefix "1" to Part No. shown to include 1G00 Series Ferrule.

EXAMPLE: Part No. G54-0610 is Insert only. To include 1G00 Series Ferrule as well as Insert, order Part No. 1G54-0610.

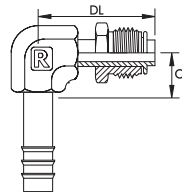
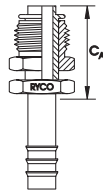
### FERRULE 1G00



HOSE SIZE		DASH SIZE	FERRULE
DN	inch		PART NO
8	5/16	-06	<b>1G00-06</b>
10	13/32	-08	<b>1G00-08</b>
12	1/2	-10	<b>1G00-10</b>

### PILOT O RING GP01 GP34

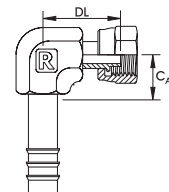
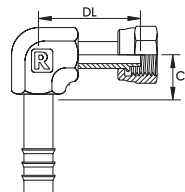
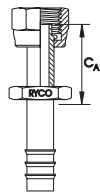
O RING NOT SUPPLIED  
USE GREEN HNBR  
O RING ONLY  
SEE PAGE 292



HOSE SIZE		THREAD SIZE	DASH SIZE	PILOT O RING MALE	PILOT O RING MALE 90° ELBOW			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	-0610	<b>GP01-0610</b>	39	<b>GP34-0610</b>	47	39
10	13/32	3/4	-0812	<b>GP01-0812</b>	42	<b>GP34-0812</b>	49	44
12	1/2	7/8	-1014	<b>GP01-1014</b>	44	<b>GP34-1014</b>	51	48

### PILOT O RING GP02 GP05 GP24

O RING NOT SUPPLIED  
USE GREEN HNBR  
O RING ONLY  
SEE PAGE 292



HOSE SIZE		THREAD SIZE	DASH SIZE	PILOT O RING FEMALE	PILOT O RING FEMALE 90° ELBOW	PILOT O RING FEMALE 90° ELBOW SHORT					
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	-0610	<b>GP02-0610</b>	39	<b>GP05-0610</b>	47	39	<b>GP24-0610</b>	47	25
10	13/32	3/4	-0812	<b>GP02-0812</b>	42	<b>GP05-0812</b>	49	44	<b>GP24-0812</b>	49	25
12	1/2	7/8	-1014	<b>GP02-1014</b>	44	<b>GP05-1014</b>	51	48	<b>GP24-1014</b>	51	27

**NON-SKIVE**

For RYCO Hose Series FB2 all sizes.

Part No. is for Inserts only. Add prefix "1" to Part No. shown to include 1G00 Series Ferrule.

EXAMPLE: Part No. G54-0610 is Insert only. To include 1G00 Series Ferrule as well as Insert, order Part No. 1G54-0610.

SAE				G54		G58			G57		
45° FLARE											
				HOSE SIZE	THREAD SIZE	DASH SIZE	SAE FEMALE	SAE FEMALE 45° ELBOW	SAE FEMALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
8	5/16	5/8	-0610	<b>G54-0610</b>	16	<b>G58-0610</b>	15	11	<b>G57-0610</b>	11	19
10	13/32	3/4	-0812	<b>G54-0812</b>	17	<b>G58-0812</b>	23	15	<b>G57-0812</b>	14	23
12	1/2	7/8	-1014	<b>G54-1014</b>	19	<b>G58-1014</b>	20	14	<b>G57-1014</b>	17	27

SALVAGE				G23	
TUBE WELD					
				HOSE SIZE	A
DN	inch	inch		PART NO	C <sub>A</sub>
8	5/16	3/8	-0606	<b>G23-0606</b>	10
10	13/32	1/2	-0808	<b>G23-0808</b>	10
12	1/2	5/8	-1010	<b>G23-1010</b>	10

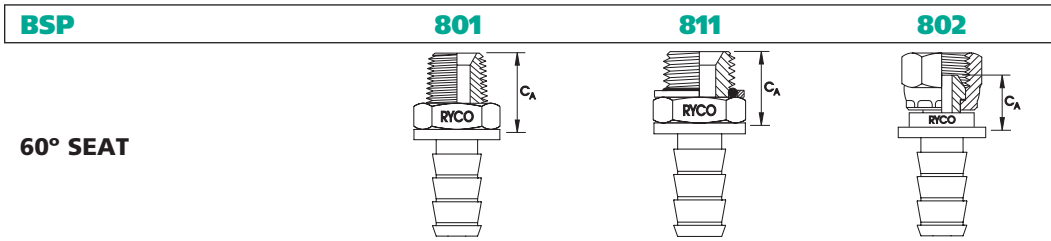
**NOTE:**

G23-0606 was previously G23-0610

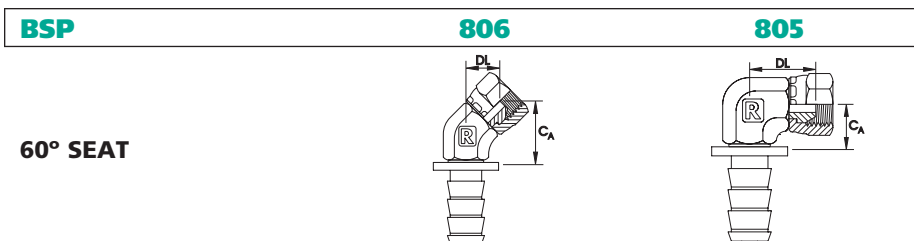
G23-0808 was previously G23-0812

G23-1010 was previously G23-1014

For RYCO Hose Series PL1 and RQP6 all sizes.

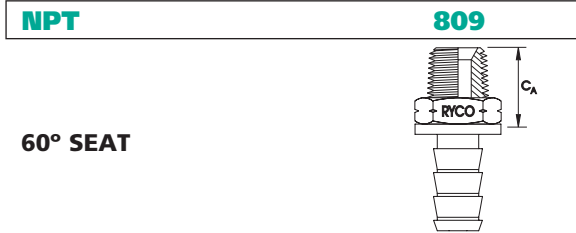


HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE		BSPP O RING MALE		BSPP FEMALE	
DN	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA
6	1/4	1/8	-0402	<b>801-0402</b>	18			<b>802-0402</b>	15
6	1/4	1/4	-0404	<b>801-0404</b>	22			<b>802-0404</b>	15
6	1/4	3/8	-0406	<b>801-0406</b>	22			<b>802-0406</b>	17
8	5/16	1/8	-0502	<b>801-0502</b>	18			<b>802-0502</b>	15
8	5/16	1/4	-0504	<b>801-0504</b>	22			<b>802-0504</b>	16
8	5/16	3/8	-0506	<b>801-0506</b>	22				
10	3/8	1/4	-0604	<b>801-0604</b>	22				
10	3/8	3/8	-0606	<b>801-0606</b>	22			<b>802-0606</b>	17
10	3/8	1/2	-0608	<b>801-0608</b>	29			<b>802-0608</b>	19
12	1/2	3/8	-0806	<b>801-0806</b>	22				
12	1/2	1/2	-0808	<b>801-0808</b>	29			<b>802-0808</b>	19
12	1/2	3/4	-0812	<b>801-0812</b>	29				
16	5/8	1/2	-1008	<b>801-1008</b>	29	<b>811-1008</b>	24	<b>802-1008</b>	19
19	3/4	1/2	-1208	<b>801-1208</b>	29				
19	3/4	3/4	-1212	<b>801-1212</b>	29			<b>802-1212</b>	19



HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE 45° ELBOW			BSPP FEMALE 90° ELBOW		
DN	inch	inch		PART NO	CA	DL	PART NO	CA	DL
6	1/4	1/4	-0404				<b>805-0404</b>	13	24
6	1/4	3/8	-0406						
8	5/16	1/4	-0504				<b>805-0504</b>	13	24
8	5/16	3/8	-0506						
10	3/8	3/8	-0606				<b>805-0606</b>	17	28
10	3/8	1/2	-0608						
12	1/2	1/2	-0808				<b>805-0808</b>	19	31
12	1/2	3/4	-0812						
16	5/8	1/2	-1008				<b>805-1008</b>	21	35
19	3/4	1/2	-1208						
19	3/4	3/4	-1212	<b>806-1212</b>	30	20	<b>805-1212</b>	22	36

For RYCO Hose Series PL1 and RQP6 all sizes.

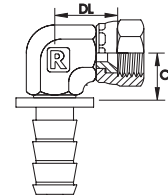
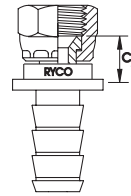
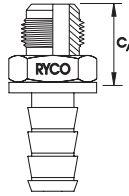


HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>809-0402</b>	18
6	1/4	1/4	-0404	<b>809-0404</b>	22
6	1/4	3/8	-0406		
8	5/16	1/8	-0502	<b>809-0502</b>	18
8	5/16	1/4	-0504	<b>809-0504</b>	22
8	5/16	3/8	-0506		
10	3/8	1/4	-0604	<b>809-0604</b>	22
10	3/8	3/8	-0606	<b>809-0606</b>	22
10	3/8	1/2	-0608		
12	1/2	3/8	-0806	<b>809-0806</b>	22
12	1/2	1/2	-0808	<b>809-0808</b>	29
12	1/2	3/4	-0812		
16	5/8	1/2	-1008		
19	3/4	1/2	-1208		
19	3/4	3/4	-1212	<b>809-1212</b>	30

For RYCO Hose Series PL1 and RQP6 all sizes.

<b>JIC SAE</b>	<b>803 JIC 853 SAE</b>	<b>804 JIC 854 SAE</b>	<b>807 JIC 857 SAE</b>
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**JIC 37° FLARE**  
**\*SAE 45° FLARE**

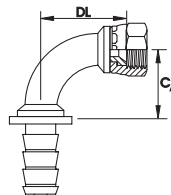


HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC/SAE MALE		JIC/SAE FEMALE		JIC/SAE FEMALE 90° ELBOW		
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DN	inch	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA	DL
6	1/4	7/16	1/4	-0407	<b>803-0407</b>	22	<b>804-0407</b>	13	<b>807-0407</b>	13	18
6	1/4	1/2	5/16	-0408	<b>803-0408</b>	22	<b>804-0408</b>	13	<b>807-0408</b>	13	17
6	1/4	9/16	3/8	-0409			<b>804-0409</b>	14			
8	5/16	1/2	5/16	-0508	<b>803-0508</b>	22	<b>804-0508</b>	13			
8	5/16	9/16	3/8	-0509			<b>804-0509</b>	14			
8	5/16	*5/8	3/8	-0510	<b>*853-0510</b>	23	<b>*854-0510</b>	14			
10	3/8	9/16	3/8	-0609	<b>803-0609</b>	22	<b>804-0609</b>	14	<b>807-0609</b>	17	23
10	3/8	*5/8	3/8	-0610	<b>*853-0610</b>	23	<b>*854-0610</b>	14	<b>*857-0610</b>	17	23
10	3/8	3/4	1/2	-0612	<b>803-0612</b>	24	<b>804-0612</b>	15	<b>807-0612</b>	17	24
12	1/2	3/4	1/2	-0812	<b>803-0812</b>	24	<b>804-0812</b>	15	<b>807-0812</b>	19	27
12	1/2	7/8	5/8	-0814	<b>803-0814</b>	28	<b>804-0814</b>	16	<b>807-0814</b>	19	28
16	5/8	7/8	5/8	-1014	<b>803-1014</b>	28	<b>804-1014</b>	16			
16	5/8	*1.1/16	3/4	-1017			<b>*854-1017</b>	16			
19	3/4	1.1/16	3/4	-1217	<b>803-1217</b>	31	<b>804-1217</b>	17	<b>807-1217</b>	22	30
19	3/4	*1.1/16	3/4	-1217	<b>*853-1217</b>	35	<b>*854-1217</b>	17			

<b>JIC</b>	<b>824 JIC</b>
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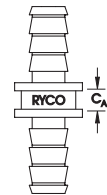
**37° FLARE**



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 90° TUBE BEND		
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DN	inch	inch	inch		PART NO	CA	DL
6	1/4	1/2	5/16	-0408			
6	1/4	9/16	3/8	-0409			
8	5/16	1/2	5/16	-0508			
10	3/8	9/16	3/8	-0609	<b>824-0609</b>		
12	1/2	3/4	1/2	-0812	<b>824-0812</b>		
12	1/2	7/8	5/8	-0814			
16	5/8	7/8	5/8	-1014	<b>824-1014</b>		

<b>JOINER</b>	<b>890</b>
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HOSE SIZE	DASH SIZE	JOINER	
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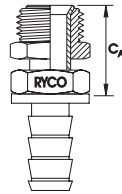
DN	inch		PART NO	CA
6	1/4	-0404		
8	5/16	-0505	<b>890-0505</b>	9
10	3/8	-0606		
12	1/2	-0808	<b>890-0808</b>	10
16	5/8	-1010		
19	3/4	-1212	<b>890-1212</b>	10

For RYCO Hose Series PL1 and RQP6 all sizes.

## SAE

### 874

INVERTED  
MALE FLARE

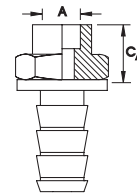


HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
6	1/4	7/16	1/4	-0407	<b>874-0407</b>	22
6	1/4	1/2	5/16	-0408	<b>874-0408</b>	24
8	5/16	1/2	5/16	-0508	<b>874-0508</b>	20
8	5/16	5/8	3/8	-0510	<b>874-0510</b>	23
10	3/8	5/8	3/8	-0610	<b>874-0610</b>	27

## SALVAGE

### 823

TUBE WELD

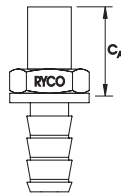


HOSE SIZE		A	DASH SIZE	SALVAGE (LIFESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404		
6	1/4	3/8	-0406	<b>823-0406</b>	14
10	3/8	1/4	-0604	<b>823-0604</b>	14
10	3/8	3/8	-0606	<b>823-0606</b>	14
12	1/2	1/2	-0808	<b>823-0808</b>	14
12	1/2	5/8	-0810	<b>823-0810</b>	16
16	5/8	5/8	-1010	<b>823-1010</b>	16
19	3/4	3/4	-1212	<b>823-1212</b>	16

## STANDPIPE

### 818

IMPERIAL

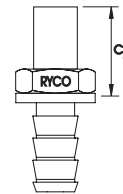


HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	<b>818-0404</b>	30
6	1/4	5/16	-0405	<b>818-0405</b>	30
6	1/4	3/8	-0406	<b>818-0406</b>	31
10	3/8	3/8	-0606	<b>818-0606</b>	31
10	3/8	1/2	-0608	<b>818-0608</b>	31
12	1/2	1/2	-0808	<b>818-0808</b>	31
12	1/2	5/8	-0810		
19	3/4	3/4	-1212	<b>818-1212</b>	31

## METRIC

### 864

METRIC  
MALE FLARE

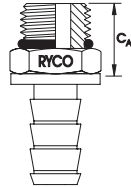


HOSE SIZE		TUBE SIZE	DASH SIZE	METRIC STANDPIPE	
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	6	-0406	<b>864-0406</b>	30
6	1/4	8	-0408	<b>864-0408</b>	30
12	1/2	15	-0815	<b>864-0815</b>	33
19	3/4	20	-1220	<b>864-1220</b>	47
19	3/4	22	-1222	<b>864-1222</b>	39

For RYCO Hose Series PL1 and RQP6 all sizes.

## UNO (O RING BOSS)

**820**



O RING SUPPLIED

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE (O RING BOSS)	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
6	1/4	7/16	1/4	-0407		
8	5/16	1/2	5/16	-0508		
10	3/8	9/16	3/8	-0609		
12	1/2	3/4	1/2	-0812	<b>820-0812</b>	20
16	5/8	7/8	5/8	-1014		
19	3/4	1.1/16	3/4	-1217		

## 200 COUPLING NIPPLE

**810**

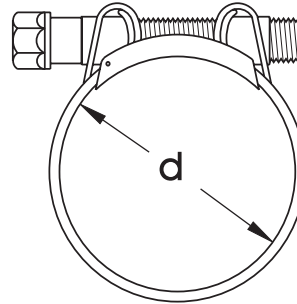


HOSE SIZE		DASH SIZE	BARB NIPPLES FOR RYCO 200 AIR COUPLING	
DN	inch		PART NO	C <sub>A</sub>
6	1/4	-0404	<b>810-0404</b>	27
10	3/8	-0604	<b>810-0604</b>	27

For RYCO Hose Series SR and SRF all sizes.

3300 Series require a suitable clamp around the outside of the hose.

HOSE DASH SIZE	CLAMP PART NO	CLAMP ADJUSTMENT RANGE d mm	RECOMMENDED TIGHTENING TORQUE	
			Nm	ft. lbs
-12	<b>RSC-3134</b>	31 to 34	20	15
-16	<b>RSC-3740*</b>	37 to 40	20	15
	<b>RSC-4043*</b>	40 to 43	20	15
-20	<b>RSC-4347*</b>	43 to 47	20	15
	<b>RSC-4751*</b>	47 to 51	20	15
-24	<b>RSC-5155</b>	51 to 55	20	15
-32	<b>RSC-6368</b>	63 to 68	25	18
-40	<b>RSC-7379</b>	73 to 79	25	18
-48	<b>RSC-8591</b>	85 to 91	25	18



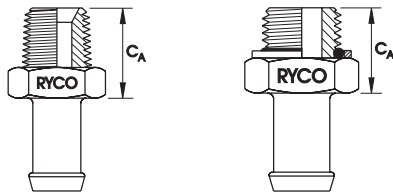
\*Due to the manufacturing tolerance on outside diameter of the hose and the range of adjustment of the clamp, it is necessary to confirm correct clamp at time of assembly.

## BSP

### 3301

### 3311

60° SEAT  
FLAT SEAT



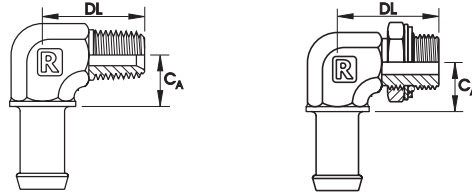
HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE		BSPP O RING MALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	3/8	-1206	<b>3301-1206</b>	23		
19	3/4	1/2	-1208	<b>3301-1208</b>	28		
19	3/4	3/4	-1212	<b>3301-1212</b>	28		
19	3/4	1	-1216	<b>3301-1216</b>	36		
25	1	1/2	-1608				
25	1	3/4	-1612	<b>3301-1612</b>	29	<b>3311-1612</b>	27
25	1	1	-1616	<b>3301-1616</b>	36	<b>3311-1616</b>	27
25	1	1.1/4	-1620	<b>3301-1620</b>	38		
31	1.1/4	3/4	-2012	<b>3301-2012</b>	31	<b>3311-2012</b>	27
31	1.1/4	1	-2016	<b>3301-2016</b>	36	<b>3311-2016</b>	27
31	1.1/4	1.1/4	-2020	<b>3301-2020</b>	38	<b>3311-2020</b>	28
31	1.1/4	1.1/2	-2024	<b>3301-2024</b>	39		
38	1.1/2	1	-2416	<b>3301-2416</b>	36	<b>3311-2416</b>	27
38	1.1/2	1.1/4	-2420	<b>3301-2420</b>	38	<b>3311-2420</b>	28
38	1.1/2	1.1/2	-2424	<b>3301-2424</b>	39		
51	2	1	-3216	<b>3301-3216</b>	39		
51	2	1.1/4	-3220				
51	2	1.1/2	-3224	<b>3301-3224</b>	40		
51	2	2	-3232	<b>3301-3232</b>	44		
63	2.1/2	1.1/2	-4024				
63	2.1/2	2	-4032				



For RYCO Hose Series SR and SRF all sizes.  
3300 Series require a suitable clamp around the outside of the hose.

**BSP** **3340** **3341**

60° SEAT  
FLAT SEAT

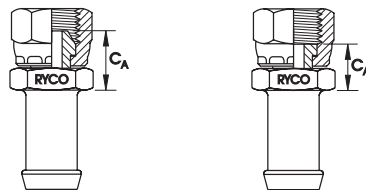


HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE 90° ELBOW			BSPP O RING MALE 90° ELBOW		
-----------	--	-------------	-----------	---------------------	--	--	----------------------------	--	--

DN	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
19	3/4	1/2	-1208	<b>3340-1208</b>	22	37			
19	3/4	3/4	-1212	<b>3340-1212</b>	25	40			
25	1	1/2	-1608	<b>3340-1608</b>	25	42	<b>3341-1608</b>	25	46
25	1	3/4	-1612	<b>3340-1612</b>	25	40	<b>3341-1612</b>	25	47
25	1	1	-1616	<b>3340-1616</b>	29	50			
25	1	1.1/4	-1620	<b>3340-1620</b>	36	61			
31	1.1/4	3/4	-2012	<b>3340-2012</b>	30	45	<b>3341-2012</b>	30	
31	1.1/4	1	-2016	<b>3340-2016</b>	30	50	<b>3341-2016</b>	30	52
31	1.1/4	1.1/4	-2020	<b>3340-2020</b>	36	61	<b>3341-2020</b>	36	57
31	1.1/4	1.1/2	-2024	<b>3340-2024</b>	41	67			
38	1.1/2	1	-2416	<b>3340-2416</b>	36	60	<b>3341-2416</b>	36	57
38	1.1/2	1.1/4	-2420	<b>3340-2420</b>	36	61	<b>3341-2420</b>	36	57
38	1.1/2	1.1/2	-2424	<b>3340-2424</b>	41	67			
51	2	1.1/4	-3220	<b>3340-3220</b>	53	75			
51	2	1.1/2	-3224	<b>3340-3224</b>	53	75			
51	2	2	-3232						

**BSP** **3302** **3302F**

60° SEAT  
FLAT SEAT

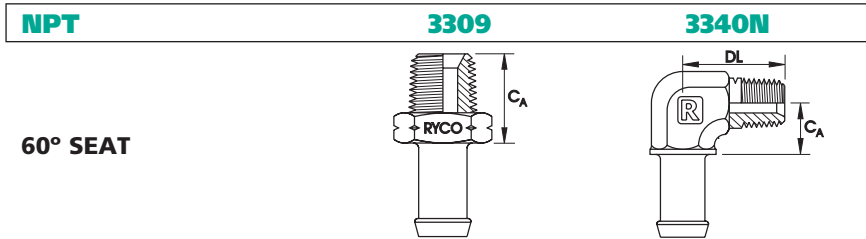


HOSE SIZE		THREAD SIZE	DASH SIZE	BSPP FEMALE		BSPP FEMALE FLAT FACE	
-----------	--	-------------	-----------	-------------	--	-----------------------	--

DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
19	3/4	3/4	-1212	<b>3302-1212</b>	24	<b>3302F-1212</b>	19
25	1	1	-1616	<b>3302-1616</b>	27	<b>3302F-1616</b>	23
31	1.1/4	1.1/4	-2020	<b>3302-2020</b>	26	<b>3302F-2020</b>	23
38	1.1/2	1.1/2	-2424	<b>3302-2424</b>	29	<b>3302F-2424</b>	27
51	2	2	-3232	<b>3320-3232</b>	41		

For RYCO Hose Series SR and SRF all sizes.

3300 Series require a suitable clamp around the outside of the hose.



HOSE SIZE		THREAD SIZE	DASH SIZE	NPT MALE		NPT MALE 90° ELBOW		
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
19	3/4	1/2	-1208			<b>3340N-1208</b>	22	37
25	1	3/4	-1612	<b>3309-1612</b>	29			
25	1	1	-1616	<b>3309-1616</b>	36	<b>3340N-1616</b>	29	50
31	1.1/4	3/4	-2012	<b>3309-2012</b>	31			
31	1.1/4	1	-2016					
31	1.1/4	1.1/4	-2020	<b>3309-2020</b>	38			
31	1.1/4	1.1/2	-2024					
38	1.1/2	1	-2416					
38	1.1/2	1.1/4	-2420	<b>3309-2420</b>	38			
38	1.1/2	1.1/2	-2424	<b>3309-2424</b>	39			
51	2	1.1/4	-3220					
51	2	1.1/2	-3224					



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE	
DN	inch	inch	inch	PART NO	C <sub>A</sub>
19	3/4	1.1/16	3/4	-1217	
25	1	1.1/16	3/4	-1617	<b>3304-1617</b>
31	1.1/4	1.5/8	1.1/4	-2026	<b>3304-2026</b>
38	1.1/2	1.7/8	1.1/2	-2430	
51	2	2.1/2	2	-3240	

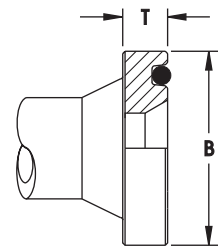
For RYCO Hose Series SR and SRF all sizes.  
3300 Series require a suitable clamp around the outside of the hose.

SAE FLANGE	3313	3315	3317
<p><b>CODE 61</b></p> <p>FLANGE OD PAGE BELOW CLAMPS PAGE 281/282</p> <p>O RING NOT SUPPLIED</p>			

HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND	CODE 61 FLANGE 90° TUBE BEND					
DN	inch	inch		PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
19	3/4	1/2	-1208								
19	3/4	3/4	-1212								
19	3/4	1	-1216								
25	1	1	-1616	<b>3313-1616</b>	50	<b>3315-1616</b>	73	36	<b>3317-1616</b>	82	94
25	1	1.1/4	-1620	<b>3313-1620</b>	50	<b>3315-1620</b>	73	36	<b>3317-1620</b>	82	94
31	1.1/4	1	-2016						<b>3317-2016</b>	69	80
31	1.1/4	1.1/4	-2020	<b>3313-2020</b>	50	<b>3315-2020</b>	81	39	<b>3317-2020</b>	69	80
31	1.1/4	1.1/2	-2024	<b>3313-2024</b>	50	<b>3315-2024</b>	86	40	<b>3317-2024</b>	69	80
38	1.1/2	1.1/4	-2420	<b>3313-2420</b>	49						
38	1.1/2	1.1/2	-2424	<b>3313-2424</b>	50	<b>3315-2424</b>	87	41	<b>3317-2424</b>	92	103
38	1.1/2	2	-2432	<b>3313-2432</b>	52	<b>3315-2432</b>	95	46	<b>3317-2432</b>	92	104
51	2	2	-3232	<b>3313-3232</b>	52	<b>3315-3232</b>	109	56	<b>3317-3232</b>	103	114
51	2	2.1/2	-3240	<b>3313-3240</b>	52	<b>3315-3240</b>	109	56	<b>3317-3240</b>	103	114
63	2.1/2	2	-4032	<b>3313-4032</b>		<b>3315-4032</b>			<b>3317-4032</b>		

### Dimensions for SAE Code 61 and Code 62 Flanges, and RYCO Code 62C Flanges

NOMINAL FLANGE	CODE 61				CODE 62				CODE 62C			
	B		T		B		T		B		T	
inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch
1/2	30,2	1.19	6,73	0.265	31,8	1.25	7,75	0.305				
*5/8	34,0	1.34	6,73	0.265								
3/4	38,1	1.50	6,73	0.265	41,3	1.63	8,76	0.345	41,3	1.63	14,20	0.559
1	44,5	1.75	8,00	0.315	47,6	1.88	9,53	0.375	47,6	1.88	14,20	0.559
1.1/4	50,8	2.00	8,00	0.315	54,0	2.12	10,29	0.405	54,0	2.12	14,20	0.559
1.1/2	60,3	2.38	8,00	0.315	63,5	2.50	12,57	0.495	63,5	2.50	14,20	0.559
2	71,4	2.81	9,53	0.375	79,4	3.13	12,57	0.495				
2.1/2	84,1	3.31	9,53	0.375								



\*5/8 is used by Komatsu.

RYCO Code 62C fittings conform to the flange OD and bolt hole patterns of SAE Code 62 but require special flange clamps.

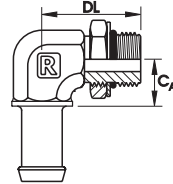
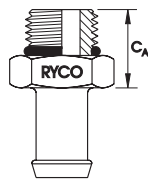
RYCO Code 62C flange heads are thicker than SAE Code 62 and measure T = 14,2 mm (0.559 inch) in all sizes.

For RYCO Hose Series SR and SRF all sizes.

3300 Series require a suitable clamp around the outside of the hose.

**UNO (O RING BOSS)** **3320** **3342**

O RING SUPPLIED



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE (O RING BOSS)	UN O RING MALE (O RING BOSS) 90° ELBOW			
DN	inch	inch	inch				PART NO	CA	PART NO	CA	DL
19	3/4	7/8	5/8	-1214			<b>3320-1214</b>	21	<b>3342-1214</b>	25	46
19	3/4	1.1/16	3/4	-1217			<b>3320-1217</b>	25	<b>3342-1217</b>	29	52
19	3/4	1.5/16	1	-1221			<b>3320-1221</b>	27	<b>3342-1221</b>	29	52
25	1	1.1/16	3/4	-1617			<b>3320-1617</b>	25	<b>3342-1617</b>	29	52
25	1	1.5/16	1	-1621			<b>3320-1621</b>	27	<b>3342-1621</b>	29	52
31	1.1/4	7/8	5/8	-2014			<b>3320-2014</b>	24			
31	1.1/4	1.1/16	3/4	-2017			<b>3320-2017</b>	27	<b>3342-2017</b>	30	52
31	1.1/4	1.3/16	7/8	-2019			<b>3320-2019</b>	27	<b>3342-2019</b>	30	51
31	1.1/4	1.5/16	1	-2021			<b>3320-2021</b>	27	<b>3342-2021</b>	30	52
31	1.1/4	1.5/8	1.1/4	-2026			<b>3320-2026</b>	28	<b>3342-2026</b>	36	57
38	1.1/2	1.1/16	3/4	-2417			<b>3320-2417</b>	27			
38	1.1/2	1.5/16	1	-2421			<b>3320-2421</b>	27	<b>3342-2421</b>	36	57
38	1.1/2	1.5/8	1.1/4	-2426			<b>3320-2426</b>	28	<b>3342-2426</b>	36	57
38	1.1/2	1.7/8	1.1/2	-2430			<b>3320-2430</b>	30			
51	2	1.7/8	1.1/2	-3230			<b>3320-3230</b>	30			

# RYCOTE™

## plating system

Achieve greater protection against corrosion.

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FRIENDLY  
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- 500 plus hours to RED RUST
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- No change to Assembly Torque values

Complies with the latest European environmental regulations, European Directive ELV 2000/53/CE.

## RYCO V Series Field Attachable Couplings

### For RYCO SURVIVOR RQP5 and TRUCKER T5 Hose Series

RYCO V Series Ferrules follow the dash size of **SURVIVOR RQP5** and **TRUCKER T5** series hose.

**RQP5** and **T5** Series are SAE 100R5 specification hose, and, accordingly the dash size is the corresponding tube size.

SAE 100R5 hose internal diameters (nominal bores), unlike SAE 100R1, R2, etc, are smaller than their dash sizes.

For example, **T58** has nominal tube size of 1/2" and internal diameter of 13/32", whereas **T18** and **T28** have nominal bore size of 1/2" and internal diameter of 1/2". The reason for this difference is that **T5** Series hoses are often used in applications where hose is connected to steel or copper tubing. The hose is sized so that its flow diameter is approximately the same as the flow diameter of the same nominal size tubing. Hence, the hose size relates to the nominal tube size.

**RYCO V00** Series Ferrules are designed to match with **RYCO 600** Series Inserts.

**RYCO 600** Series Inserts have the same nominal sizing as their corresponding **T1** and **T2** Series Hose.

Therefore, **V00** Series Ferrules and matching **600** Series Inserts have different "dash" sizes.

When matched together, **V00** Series Couplings have the same dash size as the **600** Series Inserts.

See table below.

The chart below shows the relationship of Part Numbers for Ferrules, Inserts and Couplings for each size

SURVIVOR RQP5	TRUCKER T5	HOSE (TUBE) DASH SIZE	HOSE ID inch	V00 SERIES FERRULE	FERRULE DASH SIZE	600 SERIES INSERTS	INSERT DASH SIZE	V00 SERIES COUPLINGS	COUPLING DASH SIZE
RQP54	T54	-04	3/16	V00-04	-04	6xx-03	-03	Vxx-03	-03
RQP55	T55	-05	1/4	V00-05	-05	6xx-04	-04	Vxx-04	-04
RQP56	T56	-06	5/16	V00-06	-06	6xx-05	-05	Vxx-05	-05
RQP58	T58	-08	13/32	V00-08	-08	6xx-06	-06	Vxx-06	-06
RQP510	T510	-10	1/2	V00-10	-10	6xx-08	-08	Vxx-08	-08
RQP512	T512	-12	5/8	V00-12	-12	6xx-10	-10	Vxx-10	-10
RQP516	T516	-16	7/8	V00-16	-16	6xx-14	-14	Vxx-14	-14
RQP520	T520	-20	1.1/8	V00-20	-20	6xx-18	-18	Vxx-18	-18
RQP524	T524	-24	1.3/8	V00-24	-24	6xx-22	-22	Vxx-22	-22
RQP532	T532	-32	1.13/16	V00-32	-32	6xx-29	-29	Vxx-29	-29

### Additional Coupling End Styles

Pages 138 to 143 show the most common Connector (Coupling) End Styles that are used with **RQP5** and **T5** hose.

As **RYCO V00** Series Ferrules match with **RYCO 600** Series Inserts it is possible to use any **RYCO 600** Insert from -03 to -10 listed in the **600** Series Field Attachable Inserts with the matching Series Ferrule.

Refer to RYCO for the availability of other **600** Series Field Attachable Inserts.

Due to differences in Ferrule design, many Cut-Off Allowance (C<sub>A</sub>) dimensions vary between each Ferrule Series for the same matched Insert/Hose size.

The Cut-Off Allowance (C<sub>A</sub>) dimensions published in "V Series Field Attachable Inserts" section allow for the Ferrule being eased back 5/8 of a turn after the hose has bottomed in the ferrule, as per "Field Attachable Assembly Instructions" (ease back between 1/2 and 3/4 of a turn).

The Cut-Off Allowance (C<sub>A</sub>) values for 600 Series Inserts, published in the tables on pages 190 to 201 are for 600 Series Inserts used with V00 Series Ferrules. If using V00 Series Ferrules with other matched 600 Series Inserts listed on pages 204 to 219, contact RYCO Hydraulics Technical Department for the correct Cut-Off Allowance (C<sub>A</sub>).

If the hose assembly length is critical, when calculating the Cut Length of hose, you must also allow for an increase in length of hose when the coupling is attached, due to compression within the coupling; see page 393.

For further information about Hose Assemblies and Cut-Off Allowances (C<sub>A</sub>), see pages 392 to 398 of the Technical Section.



## How To Order RYCO V Series Field Attachable Couplings

### Example

(a) Individually

To order 1/2" NPT male insert and ferrule for **T58** (13/32") hose.

Order ferrule **V00-08**.

**V00** Series ferrules are used on **T5** hose; see chart on page 188, or chart for Couplings Selection on **T5** page 54.

Ferrule Dash Size -08 is same as Dash Size of hose.

Order insert **609-0608** (600 Series).

**T58** hose uses 600-06 size inserts, see page 188.

(b) Complete Coupling

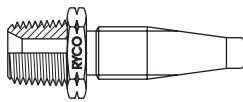
Order **V09-0608**.

Simply replace the first character of the insert's part number with the first character of the ferrules part number.

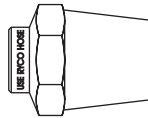
**(replace 6 with V): 609-0608 → V09-0608**

The **V00** Series Couplings on pages 190 to 201 clearly show the Insert, Ferrule and Complete Coupling part numbers for each size of hose.

609-0608 insert



plus V00-08 ferrule equals



V09-0608 complete coupling



## Hose Branding:

In common with industry practice, RYCO **RQP5** and **T5** hoses are branded with their Part Number, and their Actual Inside Diameter.

For example:

-- **RYCO TRUCKER T55 1/4 inch MAX WP 3050PSI•210BAR** -----

DOT RYCO MMY 1/4 All • RYCO AIRBRAKE 1/4 SAEJ1402 All

-- **RYCO TRUCKER T56 5/16 inch MAX WP 2250PSI•155BAR** -----

DOT RYCO MMY 5/16 All • RYCO AIRBRAKE 5/16 SAEJ1402 All

-- **RYCO SURVIVOR RQP55 1/4 inch MAX WP 3050PSI•210BAR** -----

DOT RYCO MMY 1/4 All • RYCO AIRBRAKE 1/4 SAEJ1402 All

-- **RYCO SURVIVOR RQP56 5/16 inch MAX WP 2250PSI•155BAR** -----

DOT RYCO MMY 5/16 All • RYCO AIRBRAKE 5/16 SAEJ1402 All

When ordering hose, it is important to be clear about what size is being referred to.

For example **T55** is -05 or **5/16"** Nominal Dash Size, and **1/4"** Actual Inside Diameter.

**T56** is -06 or **3/8"** Nominal Dash Size, and **5/16"** Actual Inside Diameter.

Both hoses can be referred to as **5/16"**, depending on whether Nominal or Actual Inside Diameter is being referred to.

Other sizes that crossover are:

**T54** and **T55**; **T58** and **T510**; and **T510** and **T512**.

**RQP54** and **RQP55**; **RQP58** and **RQP510**; and **RQP510** and **RQP512**.

**It is NOT RECOMMENDED to refer to the size of the hose only**, or there may be confusion about whether it is Actual or Nominal Diameter.

**It is RECOMMENDED to only refer to the Part Number of the hose. Example: T56.**

If the size is mentioned, the Part Number of the hose must also be included to remove any confusion. Example: 5/16" T56.

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

BSP				601		V01			
60° SEAT									
				HOSE SIZE ACTUAL ID		THREAD SIZE		DASH SIZE	
DN	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>		
5	3/16	1/8	-0302	V00-04					
5	3/16	1/4	-0304	V00-04					
6	1/4	1/8	-0402	V00-05	601-0402	V01-0402	27		
6	1/4	1/4	-0404	V00-05	601-0404	V01-0404	32		
8	5/16	1/4	-0504	V00-06	601-0504	V01-0504	33		
10	13/32	1/4	-0604	V00-08	601-0604	V01-0604	33		
10	13/32	3/8	-0606	V00-08	601-0606	V01-0606	33		
10	13/32	1/2	-0608	V00-08	601-0608	V01-0608	39		
12	1/2	1/2	-0808	V00-10	601-0808	V01-0808	42		
12	1/2	5/8	-0810	V00-10					
16	5/8	5/8	-1010	V00-12	601-1010	V01-1010	43		
16	5/8	3/4	-1012	V00-12	601-1012	V01-1012	42		
28	1.1/8	1.1/4	-1820	V00-20	601-1820	V01-1820			

BSP				602		V02			
60° SEAT									
				HOSE SIZE ACTUAL ID		THREAD SIZE		DASH SIZE	
DN	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>		
5	3/16	1/8	-0302	V00-04	602-0302	V02-0302	25		
5	3/16	1/4	-0304	V00-04					
6	1/4	1/8	-0402	V00-05	602-0402	V02-0402	27		
6	1/4	1/4	-0404	V00-05	602-0404	V02-0404	28		
8	5/16	1/4	-0504	V00-06	602-0504	V02-0504	29		
10	13/32	1/4	-0604	V00-08	602-0604	V02-0604	29		
10	13/32	3/8	-0606	V00-08	602-0606	V02-0606	32		
10	13/32	1/2	-0608	V00-08	602-0608	V02-0608	34		
12	1/2	1/2	-0808	V00-10	602-0808	V02-0808	36		
12	1/2	5/8	-0810	V00-10	602-0810	V02-0810	36		
16	5/8	5/8	-1010	V00-12	602-1010	V02-1010	36		
16	5/8	3/4	-1012	V00-12	602-1012	V02-1012	38		
22	7/8	1	-1416	V00-16	602-1416	V02-1416	37		
28	1.1/8	1.1/4	-1820	V00-20	602-1820	V02-1820	51		



# V Series Field Attachable Couplings



NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

BSP				627		V27			
60° SEAT									
				HOSE SIZE ACTUAL ID		THREAD SIZE	DASH SIZE	V00 FERRULE	BSP FEMALE 45° TUBE BEND
DN	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL	
6	1/4	1/4	-0404	V00-05	627-0404	V27-0404	50	19	
8	5/16	3/8	-0506	V00-06	627-0506	V27-0506	53	21	
10	13/32	3/8	-0606	V00-08	627-0606	V27-0606	53	21	
12	1/2	1/2	-0808	V00-10	627-0808	V27-0808	61	23	
16	5/8	5/8	-1010	V00-12	627-1010	V27-1010	64	23	
35	1.3/8	1.1/2	-2224	V00-24	627-2224	V27-2224			

BSP				626		V26			
60° SEAT									
				HOSE SIZE ACTUAL ID		THREAD SIZE	DASH SIZE	V00 FERRULE	BSP FEMALE 90° TUBE BEND
DN	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL	
6	1/4	1/4	-0404	V00-05	626-0404	V26-0404	40	35	
8	5/16	3/8	-0506	V00-06	626-0506	V26-0506	41	37	
10	13/32	3/8	-0606	V00-08	626-0606	V26-0606	41	37	
10	13/32	1/2	-0608	V00-08	626-0608	V26-0608	46	44	
12	1/2	1/2	-0808	V00-10	626-0808	V26-0808	50	44	
16	5/8	5/8	-1010	V00-12	626-1010	V26-1010	55	47	
35	1.3/8	1.1/2	-2224	V00-24	626-2224	V26-2224			

Intro

Hose

Couplings

Adaptors

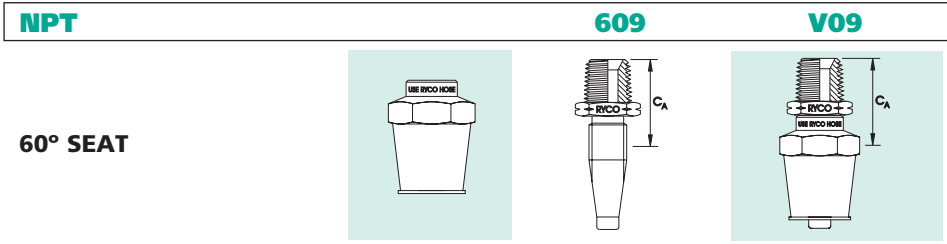
Accessories

Filters

Technical

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.



HOSE SIZE				V00 FERRULE	NPT MALE		
ACTUAL ID	THREAD SIZE	DASH SIZE					
DN	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>
5	3/16	1/8	-0302	V00-04	609-0302	V09-0302	25
5	3/16	1/4	-0304	V00-04	609-0304	V09-0304	30
6	1/4	1/8	-0402	V00-05	609-0402	V09-0402	27
6	1/4	1/4	-0404	V00-05	609-0404	V09-0404	32
6	1/4	3/8	-0406	V00-05	609-0406	V09-0406	32
8	5/16	1/4	-0504	V00-06	609-0504	V09-0504	33
8	5/16	3/8	-0506	V00-06	609-0506	V09-0506	33
10	13/32	1/4	-0604	V00-08	609-0604	V09-0604	33
10	13/32	3/8	-0606	V00-08	609-0606	V09-0606	33
10	13/32	1/2	-0608	V00-08	609-0608	V09-0608	39
12	1/2	3/8	-0806	V00-10	609-0806	V09-0806	37
12	1/2	1/2	-0808	V00-10	609-0808	V09-0808	42
16	5/8	1/2	-1008	V00-12	609-1008	V09-1008	43
16	5/8	3/4	-1012	V00-12	609-1012	V09-1012	43
22	7/8	1	-1416	V00-16	609-1416	V09-1416	48
28	1.1/8	1.1/4	-1820	V00-20	609-1820	V09-1820	58
35	1.3/8	1.1/2	-2224	V00-24	609-2224	V09-2224	



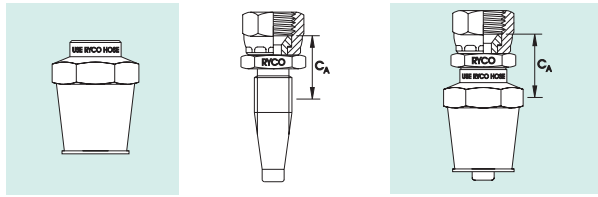
HOSE SIZE				V00 FERRULE	JIC MALE				
ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE						
DN	inch	inch	inch		PART NO	INSERT	C <sub>A</sub>	COUPLING	C <sub>A</sub>
5	3/16	7/16	1/4	-0307	V00-04	603-0307	29	V03-0307	23
6	1/4	7/16	1/4	-0407	V00-05	603-0407	31	V03-0407	25
6	1/4	1/2	5/16	-0408	V00-05	603-0408	31	V03-0408	25
6	1/4	9/16	3/8	-0409	V00-05	603-0409	32	V03-0409	26
6	1/4	3/4	1/2	-0412	V00-05	603-0412	36	V03-0412	27
10	13/32	9/16	3/8	-0609	V00-08	603-0609	33	V03-0609	27
10	13/32	3/4	1/2	-0612	V00-08	603-0612	37	V03-0612	30
10	13/32	7/8	5/8	-0614	V00-08	603-0614	39	V03-0614	31
12	1/2	3/4	1/2	-0812	V00-10	603-0812	39	V03-0812	32
12	1/2	7/8	5/8	-0814	V00-10	603-0814	42	V03-0814	34
12	1/2	1.1/16	3/4	-0817	V00-10	603-0817	46	V03-0817	36
16	5/8	7/8	5/8	-1014	V00-12	603-1014	43	V03-1014	34
16	5/8	1.1/16	3/4	-1017	V00-12	603-1017	46	V03-1017	36

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

<b>JIC</b>	<b>604</b>	<b>V04</b>
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**37° FLARE**



HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE		
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DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>
5	3/16	7/16	1/4	-0307	V00-04	604-0307	V04-0307	23
6	1/4	7/16	1/4	-0407	V00-05	604-0407	V04-0407	25
6	1/4	1/2	5/16	-0408	V00-05	604-0408	V04-0408	25
6	1/4	9/16	3/8	-0409	V00-05	604-0409	V04-0409	26
6	1/4	3/4	1/2	-0412	V00-05	604-0412	V04-0412	27
8	5/16	9/16	3/8	-0509	V00-06	604-0509	V04-0509	27
10	13/32	7/16	1/4	-0607	V00-08	604-0607	V04-0607	27
10	13/32	1/2	5/16	-0608	V00-08	604-0608	V04-0608	27
10	13/32	9/16	3/8	-0609	V00-08	604-0609	V04-0609	27
10	13/32	3/4	1/2	-0612	V00-08	604-0612	V04-0612	30
10	13/32	7/8	5/8	-0614	V00-08	604-0614	V04-0614	31
12	1/2	9/16	3/8	-0809	V00-10	604-0809	V04-0809	31
12	1/2	3/4	1/2	-0812	V00-10	604-0812	V04-0812	32
12	1/2	7/8	5/8	-0814	V00-10	604-0814	V04-0814	34
12	1/2	1.1/16	3/4	-0817	V00-10	604-0817	V04-0817	36
16	5/8	7/8	5/8	-1014	V00-12	604-1014	V04-1014	34
16	5/8	1.1/16	3/4	-1017	V00-12	604-1017	V04-1017	36
22	7/8	1.5/16	1	-1421	V00-16	604-1421	V04-1421	37
28	1.1/8	1.5/8	1.1/4	-1826	V00-20	604-1826	V04-1826	46
35	1.3/8	1.7/8	1.1/2	-2230	V00-24	604-2230	V04-2230	45
46	1.13/16	2.1/2	2	-2940	V00-32	604-2940	V04-2940	

Intro

Hose

Couplings

Adaptors

Accessories

Filters

Technical

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

JIC					607		V07		
37° FLARE									
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 90° ELBOW				
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	V00-04				
6	1/4	7/16	1/4	-0407	V00-05	607-0407	V07-0407	23	18
6	1/4	1/2	5/16	-0408	V00-05	607-0408	V07-0408	23	18
6	1/4	9/16	3/8	-0409	V00-05	607-0409	V07-0409	23	18
8	5/16	9/16	3/8	-0509	V00-06				
10	13/32	9/16	3/8	-0609	V00-08	607-0609	V07-0609	25	20
10	13/32	3/4	1/2	-0612	V00-08	607-0612	V07-0612	25	21
12	1/2	3/4	1/2	-0812	V00-10	607-0812	V07-0812	32	22
12	1/2	7/8	5/8	-0814	V00-10	607-0814	V07-0814	32	23
12	1/2	1.1/16	3/4	-0817	V00-10	607-0817	V07-0817	32	25
16	5/8	1.1/16	3/4	-1017	V00-12	607-1017	V07-1017	31	28

JIC					625		V25		
37° FLARE									
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 45° TUBE BEND				
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	V00-04	625-0307	V25-0307	44	16
6	1/4	7/16	1/4	-0407	V00-05	625-0407	V25-0407	49	18
6	1/4	1/2	5/16	-0408	V00-05	625-0408	V25-0408	49	18
6	1/4	9/16	3/8	-0409	V00-05	625-0409	V25-0409	50	18
8	5/16	9/16	3/8	-0509	V00-06	625-0509	V25-0509	51	18
10	13/32	9/16	3/8	-0609	V00-08	625-0609	V25-0609	51	18
10	13/32	3/4	1/2	-0612	V00-08	625-0612	V25-0612	55	20
12	1/2	3/4	1/2	-0812	V00-10	625-0812	V25-0812	59	20
12	1/2	7/8	5/8	-0814	V00-10	625-0814	V25-0814	63	23
16	5/8	1.1/16	3/4	-1017	V00-12	625-1017	V25-1017	67	25
22	7/8	1.5/16	1	-1421	V00-16	625-1421	V25-1421	79	30
35	1.3/8	1.7/8	1.1/2	-2230	V00-24	625-2230	V25-2230		

# V Series Field Attachable Couplings



NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

JIC					624		V24																																																																																																																																																												
37° FLARE																																																																																																																																																																			
					<table border="1"> <thead> <tr> <th>HOSE SIZE ACTUAL ID</th> <th>THREAD SIZE</th> <th>TUBE SIZE</th> <th>DASH SIZE</th> <th>V00 FERRULE</th> <th colspan="4">JIC FEMALE 90° TUBE BEND</th> </tr> </thead> <tbody> <tr> <td>DN</td> <td>inch</td> <td>inch</td> <td>inch</td> <td></td> <td>PART NO</td> <td>INSERT</td> <td>COUPLING</td> <td>C<sub>A</sub></td> <td>DL</td> </tr> <tr> <td>5</td> <td>3/16</td> <td>7/16</td> <td>1/4</td> <td>-0307</td> <td>V00-04</td> <td>624-0307</td> <td>V24-0307</td> <td>33</td> <td>29</td> </tr> <tr> <td>6</td> <td>1/4</td> <td>7/16</td> <td>1/4</td> <td>-0407</td> <td>V00-05</td> <td>624-0407</td> <td>V24-0407</td> <td>40</td> <td>33</td> </tr> <tr> <td>6</td> <td>1/4</td> <td>1/2</td> <td>5/16</td> <td>-0408</td> <td>V00-05</td> <td>624-0408</td> <td>V24-0408</td> <td>40</td> <td>33</td> </tr> <tr> <td>6</td> <td>1/4</td> <td>9/16</td> <td>3/8</td> <td>-0409</td> <td>V00-05</td> <td>624-0409</td> <td>V24-0409</td> <td>40</td> <td>34</td> </tr> <tr> <td>8</td> <td>5/16</td> <td>9/16</td> <td>3/8</td> <td>-0509</td> <td>V00-06</td> <td>624-0509</td> <td>V24-0509</td> <td>41</td> <td>34</td> </tr> <tr> <td>10</td> <td>13/32</td> <td>9/16</td> <td>3/8</td> <td>-0609</td> <td>V00-08</td> <td>624-0609</td> <td>V24-0609</td> <td>41</td> <td>34</td> </tr> <tr> <td>10</td> <td>13/32</td> <td>3/4</td> <td>1/2</td> <td>-0612</td> <td>V00-08</td> <td>624-0612</td> <td>V24-0612</td> <td>46</td> <td>40</td> </tr> <tr> <td>12</td> <td>1/2</td> <td>3/4</td> <td>1/2</td> <td>-0812</td> <td>V00-10</td> <td>624-0812</td> <td>V24-0812</td> <td>50</td> <td>40</td> </tr> <tr> <td>12</td> <td>1/2</td> <td>7/8</td> <td>5/8</td> <td>-0814</td> <td>V00-10</td> <td>624-0814</td> <td>V24-0814</td> <td>54</td> <td>46</td> </tr> <tr> <td>16</td> <td>5/8</td> <td>7/8</td> <td>5/8</td> <td>-1014</td> <td>V00-12</td> <td>624-1014</td> <td>V24-1014</td> <td></td> <td></td> </tr> <tr> <td>16</td> <td>5/8</td> <td>1.1/16</td> <td>3/4</td> <td>-1017</td> <td>V00-12</td> <td>624-1017</td> <td>V24-1017</td> <td>59</td> <td>52</td> </tr> <tr> <td>22</td> <td>7/8</td> <td>1.5/16</td> <td>1</td> <td>-1421</td> <td>V00-16</td> <td>624-1421</td> <td>V24-1421</td> <td>72</td> <td>65</td> </tr> <tr> <td>28</td> <td>1.1/8</td> <td>1.5/8</td> <td>1.1/4</td> <td>-1826</td> <td>V00-20</td> <td>624-1826</td> <td>V24-1826</td> <td></td> <td></td> </tr> <tr> <td>35</td> <td>1.3/8</td> <td>1.7/8</td> <td>1.1/2</td> <td>-2230</td> <td>V00-24</td> <td>624-2230</td> <td>V24-2230</td> <td></td> <td></td> </tr> </tbody> </table>					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 90° TUBE BEND				DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL	5	3/16	7/16	1/4	-0307	V00-04	624-0307	V24-0307	33	29	6	1/4	7/16	1/4	-0407	V00-05	624-0407	V24-0407	40	33	6	1/4	1/2	5/16	-0408	V00-05	624-0408	V24-0408	40	33	6	1/4	9/16	3/8	-0409	V00-05	624-0409	V24-0409	40	34	8	5/16	9/16	3/8	-0509	V00-06	624-0509	V24-0509	41	34	10	13/32	9/16	3/8	-0609	V00-08	624-0609	V24-0609	41	34	10	13/32	3/4	1/2	-0612	V00-08	624-0612	V24-0612	46	40	12	1/2	3/4	1/2	-0812	V00-10	624-0812	V24-0812	50	40	12	1/2	7/8	5/8	-0814	V00-10	624-0814	V24-0814	54	46	16	5/8	7/8	5/8	-1014	V00-12	624-1014	V24-1014			16	5/8	1.1/16	3/4	-1017	V00-12	624-1017	V24-1017	59	52	22	7/8	1.5/16	1	-1421	V00-16	624-1421	V24-1421	72	65	28	1.1/8	1.5/8	1.1/4	-1826	V00-20	624-1826	V24-1826			35	1.3/8	1.7/8	1.1/2	-2230
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 90° TUBE BEND																																																																																																																																																														
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL																																																																																																																																																										
5	3/16	7/16	1/4	-0307	V00-04	624-0307	V24-0307	33	29																																																																																																																																																										
6	1/4	7/16	1/4	-0407	V00-05	624-0407	V24-0407	40	33																																																																																																																																																										
6	1/4	1/2	5/16	-0408	V00-05	624-0408	V24-0408	40	33																																																																																																																																																										
6	1/4	9/16	3/8	-0409	V00-05	624-0409	V24-0409	40	34																																																																																																																																																										
8	5/16	9/16	3/8	-0509	V00-06	624-0509	V24-0509	41	34																																																																																																																																																										
10	13/32	9/16	3/8	-0609	V00-08	624-0609	V24-0609	41	34																																																																																																																																																										
10	13/32	3/4	1/2	-0612	V00-08	624-0612	V24-0612	46	40																																																																																																																																																										
12	1/2	3/4	1/2	-0812	V00-10	624-0812	V24-0812	50	40																																																																																																																																																										
12	1/2	7/8	5/8	-0814	V00-10	624-0814	V24-0814	54	46																																																																																																																																																										
16	5/8	7/8	5/8	-1014	V00-12	624-1014	V24-1014																																																																																																																																																												
16	5/8	1.1/16	3/4	-1017	V00-12	624-1017	V24-1017	59	52																																																																																																																																																										
22	7/8	1.5/16	1	-1421	V00-16	624-1421	V24-1421	72	65																																																																																																																																																										
28	1.1/8	1.5/8	1.1/4	-1826	V00-20	624-1826	V24-1826																																																																																																																																																												
35	1.3/8	1.7/8	1.1/2	-2230	V00-24	624-2230	V24-2230																																																																																																																																																												

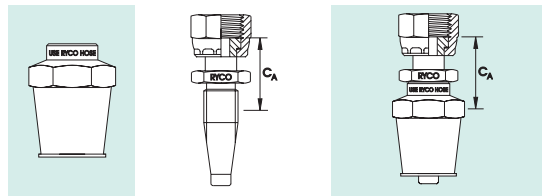
JIC					628		V28																																																																																																																														
37° FLARE																																																																																																																																					
					<table border="1"> <thead> <tr> <th>HOSE SIZE ACTUAL ID</th> <th>THREAD SIZE</th> <th>TUBE SIZE</th> <th>DASH SIZE</th> <th>V00 FERRULE</th> <th colspan="4">JIC FEMALE 90° LONG TUBE BEND</th> </tr> </thead> <tbody> <tr> <td>DN</td> <td>inch</td> <td>inch</td> <td>inch</td> <td></td> <td>PART NO</td> <td>INSERT</td> <td>COUPLING</td> <td>C<sub>A</sub></td> <td>DL</td> </tr> <tr> <td>5</td> <td>3/16</td> <td>7/16</td> <td>1/4</td> <td>-0307</td> <td>V00-04</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>1/4</td> <td>7/16</td> <td>1/4</td> <td>-0407</td> <td>V00-05</td> <td>628-0407</td> <td>V28-0407</td> <td>40</td> <td>59</td> </tr> <tr> <td>6</td> <td>1/4</td> <td>1/2</td> <td>5/16</td> <td>-0408</td> <td>V00-05</td> <td>628-0408</td> <td>V28-0408</td> <td>40</td> <td>59</td> </tr> <tr> <td>6</td> <td>1/4</td> <td>9/16</td> <td>3/8</td> <td>-0409</td> <td>V00-05</td> <td>628-0409</td> <td>V28-0409</td> <td>40</td> <td>60</td> </tr> <tr> <td>8</td> <td>5/16</td> <td>9/16</td> <td>3/8</td> <td>-0509</td> <td>V00-06</td> <td>628-0509</td> <td>V28-0509</td> <td>41</td> <td>60</td> </tr> <tr> <td>10</td> <td>13/32</td> <td>9/16</td> <td>3/8</td> <td>-0609</td> <td>V00-08</td> <td>628-0609</td> <td>V28-0609</td> <td>41</td> <td>60</td> </tr> <tr> <td>10</td> <td>13/32</td> <td>3/4</td> <td>1/2</td> <td>-0612</td> <td>V00-08</td> <td>628-0612</td> <td>V28-0612</td> <td>46</td> <td>67</td> </tr> <tr> <td>12</td> <td>1/2</td> <td>3/4</td> <td>1/2</td> <td>-0812</td> <td>V00-10</td> <td>628-0812</td> <td>V28-0812</td> <td>50</td> <td>67</td> </tr> <tr> <td>12</td> <td>1/2</td> <td>7/8</td> <td>5/8</td> <td>-0814</td> <td>V00-10</td> <td>628-0814</td> <td>V28-0814</td> <td>54</td> <td>74</td> </tr> <tr> <td>16</td> <td>5/8</td> <td>1.1/16</td> <td>3/4</td> <td>-1017</td> <td>V00-12</td> <td>628-1017</td> <td>V28-1017</td> <td>59</td> <td>82</td> </tr> <tr> <td>22</td> <td>7/8</td> <td>1.5/16</td> <td>1</td> <td>-1421</td> <td>V00-16</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 90° LONG TUBE BEND				DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL	5	3/16	7/16	1/4	-0307	V00-04					6	1/4	7/16	1/4	-0407	V00-05	628-0407	V28-0407	40	59	6	1/4	1/2	5/16	-0408	V00-05	628-0408	V28-0408	40	59	6	1/4	9/16	3/8	-0409	V00-05	628-0409	V28-0409	40	60	8	5/16	9/16	3/8	-0509	V00-06	628-0509	V28-0509	41	60	10	13/32	9/16	3/8	-0609	V00-08	628-0609	V28-0609	41	60	10	13/32	3/4	1/2	-0612	V00-08	628-0612	V28-0612	46	67	12	1/2	3/4	1/2	-0812	V00-10	628-0812	V28-0812	50	67	12	1/2	7/8	5/8	-0814	V00-10	628-0814	V28-0814	54	74	16	5/8	1.1/16	3/4	-1017	V00-12	628-1017	V28-1017	59	82	22	7/8	1.5/16	1	-1421
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	JIC FEMALE 90° LONG TUBE BEND																																																																																																																																
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL																																																																																																																												
5	3/16	7/16	1/4	-0307	V00-04																																																																																																																																
6	1/4	7/16	1/4	-0407	V00-05	628-0407	V28-0407	40	59																																																																																																																												
6	1/4	1/2	5/16	-0408	V00-05	628-0408	V28-0408	40	59																																																																																																																												
6	1/4	9/16	3/8	-0409	V00-05	628-0409	V28-0409	40	60																																																																																																																												
8	5/16	9/16	3/8	-0509	V00-06	628-0509	V28-0509	41	60																																																																																																																												
10	13/32	9/16	3/8	-0609	V00-08	628-0609	V28-0609	41	60																																																																																																																												
10	13/32	3/4	1/2	-0612	V00-08	628-0612	V28-0612	46	67																																																																																																																												
12	1/2	3/4	1/2	-0812	V00-10	628-0812	V28-0812	50	67																																																																																																																												
12	1/2	7/8	5/8	-0814	V00-10	628-0814	V28-0814	54	74																																																																																																																												
16	5/8	1.1/16	3/4	-1017	V00-12	628-1017	V28-1017	59	82																																																																																																																												
22	7/8	1.5/16	1	-1421	V00-16																																																																																																																																

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

**ORFS** **680** **V80**

**O RING FACE SEAL**

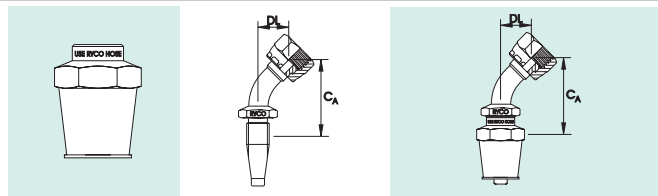


HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	ORFS FEMALE		
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DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>
5	3/16	9/16	1/4	-0309	V00-04	680-0309	V80-0309	32
6	1/4	9/16	1/4	-0409	V00-05	680-0409	V80-0409	34
6	1/4	11/16	3/8	-0411	V00-05	680-0411	V80-0411	36
8	5/16	11/16	3/8	-0511	V00-06	680-0511	V80-0511	37
10	13/32	11/16	3/8	-0611	V00-08	680-0611	V80-0611	37
10	13/32	13/16	1/2	-0613	V00-08	680-0613	V80-0613	40
12	1/2	13/16	1/2	-0813	V00-10	680-0813	V80-0813	41
12	1/2	1	5/8	-0816	V00-10	680-0816	V80-0816	47
16	5/8	1	5/8	-1016	V00-12	680-1016	V80-1016	47
16	5/8	1.3/16	3/4	-1019	V00-12	680-1019	V80-1019	50
22	7/8	1.7/16	1	-1423	V00-16	680-1423	V80-1423	56

**ORFS** **681** **V81**

**O RING FACE SEAL**



HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	ORFS FEMALE 45° TUBE BEND		
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DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	9/16	1/4	-0309	V00-04	681-0309	V81-0309	43	14
6	1/4	9/16	1/4	-0409	V00-05	681-0409	V81-0409	43	14
6	1/4	11/16	3/8	-0411	V00-05	681-0411	V81-0411	47	16
8	5/16	11/16	3/8	-0511	V00-06	681-0511	V81-0511	48	16
10	13/32	11/16	3/8	-0611	V00-08	681-0611	V81-0611	49	16
10	13/32	13/16	1/2	-0613	V00-08	681-0613	V81-0613	54	19
12	1/2	13/16	1/2	-0813	V00-10	681-0813	V81-0813	57	19
12	1/2	1	5/8	-0816	V00-10	681-0816	V81-0816	61	20
16	5/8	1	5/8	-1016	V00-12	681-1016	V81-1016	61	20
16	5/8	1.3/16	3/4	-1019	V00-12	681-1019	V81-1019	65	23
22	7/8	1.7/16	1	-1423	V00-16	681-1423	V81-1423	70	25

# V Series Field Attachable Couplings



NON-SKIVE


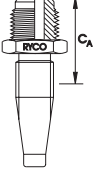

For RYCO Hose Series RQP5 and T5 all sizes.


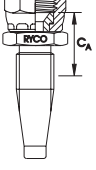

ORFS					682		V82		
O RING FACE SEAL									
					HOSE SIZE ACTUAL ID				
DN	inch	inch	inch	DASH SIZE	V00 FERRULE	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	9/16	1/4	-0309	V00-04	682-0309	V82-0309	35	25
6	1/4	9/16	1/4	-0409	V00-05	682-0409	V82-0409	35	25
6	1/4	11/16	3/8	-0411	V00-05	682-0411	V82-0411	40	31
8	5/16	11/16	3/8	-0511	V00-06	682-0511	V82-0511	40	31
10	13/32	11/16	3/8	-0611	V00-08	682-0611	V82-0611	41	31
10	13/32	13/16	1/2	-0613	V00-08	682-0613	V82-0613	46	38
12	1/2	13/16	1/2	-0813	V00-10	682-0813	V82-0813	50	38
12	1/2	1	5/8	-0816	V00-10	682-0816	V82-0816	54	43
16	5/8	1	5/8	-1016	V00-12	682-1016	V82-1016	55	43
16	5/8	1.3/16	3/4	-1019	V00-12	682-1019	V82-1019	59	49
22	7/8	1.7/16	1	-1423	V00-16	682-1423	V82-1423	64	55

ORFS					683		V83		
O RING FACE SEAL									
					HOSE SIZE ACTUAL ID				
DN	inch	inch	inch	DASH SIZE	V00 FERRULE	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	9/16	1/4	-0309	V00-04	683-0309	V83-0309	35	46
6	1/4	9/16	1/4	-0409	V00-05	683-0409	V83-0409	35	46
6	1/4	11/16	3/8	-0411	V00-05	683-0411	V83-0411	40	57
8	5/16	11/16	3/8	-0511	V00-06	683-0511	V83-0511	40	57
10	13/32	11/16	3/8	-0611	V00-08	683-0611	V83-0611	41	57
10	13/32	13/16	1/2	-0613	V00-08	683-0613	V83-0613	46	65
12	1/2	13/16	1/2	-0813	V00-10	683-0813	V83-0813	50	65
12	1/2	1	5/8	-0816	V00-10	683-0816	V83-0816	54	70
16	5/8	1	5/8	-1016	V00-12	683-1016	V83-1016	55	70
16	5/8	1.3/16	3/4	-1019	V00-12	683-1019	V83-1019	59	79
22	7/8	1.7/16	1	-1423	V00-16	683-1423	V83-1423	64	89

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

SAE					653	V53		
45° FLARE								
					V00 FERRULE			SAE MALE
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE		V00 FERRULE	INSERT	COUPLING	C <sub>A</sub>
DN	inch	inch	inch		PART NO			
5	3/16	7/16	1/4	-0307	V00-04			
6	1/4	7/16	1/4	-0407	V00-05			
6	1/4	1/2	5/16	-0408	V00-05			
8	5/16	5/8	3/8	-0510	V00-06	653-0510	V53-0510	34
10	13/32	5/8	3/8	-0610	V00-08	653-0610	V53-0610	34
10	13/32	3/4	1/2	-0612	V00-08			
12	1/2	7/8	5/8	-0814	V00-10			
16	5/8	1.1/16	3/4	-1017	V00-12			

SAE					654	V54		
45° FLARE								
					V00 FERRULE			SAE FEMALE
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE		V00 FERRULE	INSERT	COUPLING	C <sub>A</sub>
DN	inch	inch	inch		PART NO			
5	3/16	7/16	1/4	-0307	V00-04	654-0307	V54-0307	23
6	1/4	7/16	1/4	-0407	V00-05	654-0407	V54-0407	25
6	1/4	1/2	5/16	-0408	V00-05	654-0408	V54-0408	25
8	5/16	5/8	3/8	-0510	V00-06	654-0510	V54-0510	27
10	13/32	5/8	3/8	-0610	V00-08	654-0610	V54-0610	27
10	13/32	3/4	1/2	-0612	V00-08	654-0612	V54-0612	30
12	1/2	7/8	5/8	-0814	V00-10	654-0814	V54-0814	32
16	5/8	1.1/16	3/4	-1017	V00-12	654-1017	V54-1017	36


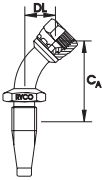
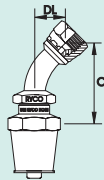



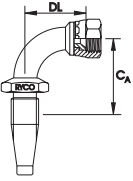
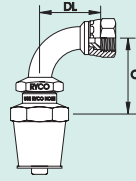
# V Series Field Attachable Couplings


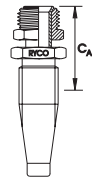



NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.


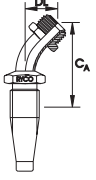

SAE					655	V55			
45° FLARE									
					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	V00-04	655-0307	V55-0307	44	16
8	5/16	5/8	3/8	-0510	V00-06	655-0510	V55-0510	51	18
10	13/32	5/8	3/8	-0610	V00-08				


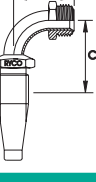
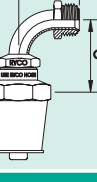
SAE					656	V56			
45° FLARE									
					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
5	3/16	7/16	1/4	-0307	V00-04	656-0307	V56-0307	33	29
8	5/16	5/8	3/8	-0510	V00-06	656-0510	V56-0510	41	34
10	13/32	5/8	3/8	-0610	V00-08	656-0610	V56-0610	41	34

SAE					674	V74		
INVERTED MALE FLARE								
					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>
6	1/4	7/16	1/4	-0407	V00-05	674-0407	V74-0407	46
8	5/16	5/8	3/8	-0510	V00-06	674-0510	V74-0510	47
10	13/32	5/8	3/8	-0610	V00-08	674-0610	V74-0610	48
10	13/32	11/16	7/16	-0611	V00-08	674-0611	V74-0611	51

NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

SAE					675	V75			
INVERTED MALE FLARE									
					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	V00-05				
8	5/16	5/8	3/8	-0510	V00-06	675-0510	V75-0510	80	23
10	13/32	5/8	3/8	-0610	V00-08	675-0610	V75-0610	80	23


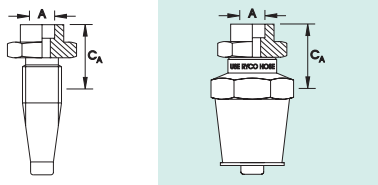
SAE					677	V77			
INVERTED MALE FLARE									
					HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE
DN	inch	inch	inch		PART NO	INSERT	COUPLING	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	V00-05	677-0407	V77-0407	49	38
8	5/16	5/8	3/8	-0510	V00-06	677-0510	V77-0510	62	50
10	13/32	5/8	3/8	-0610	V00-08	677-0610	V77-0610	62	50


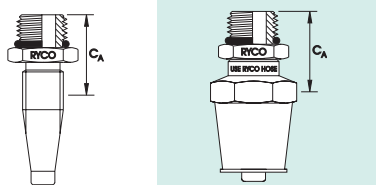
# V Series Field Attachable Couplings



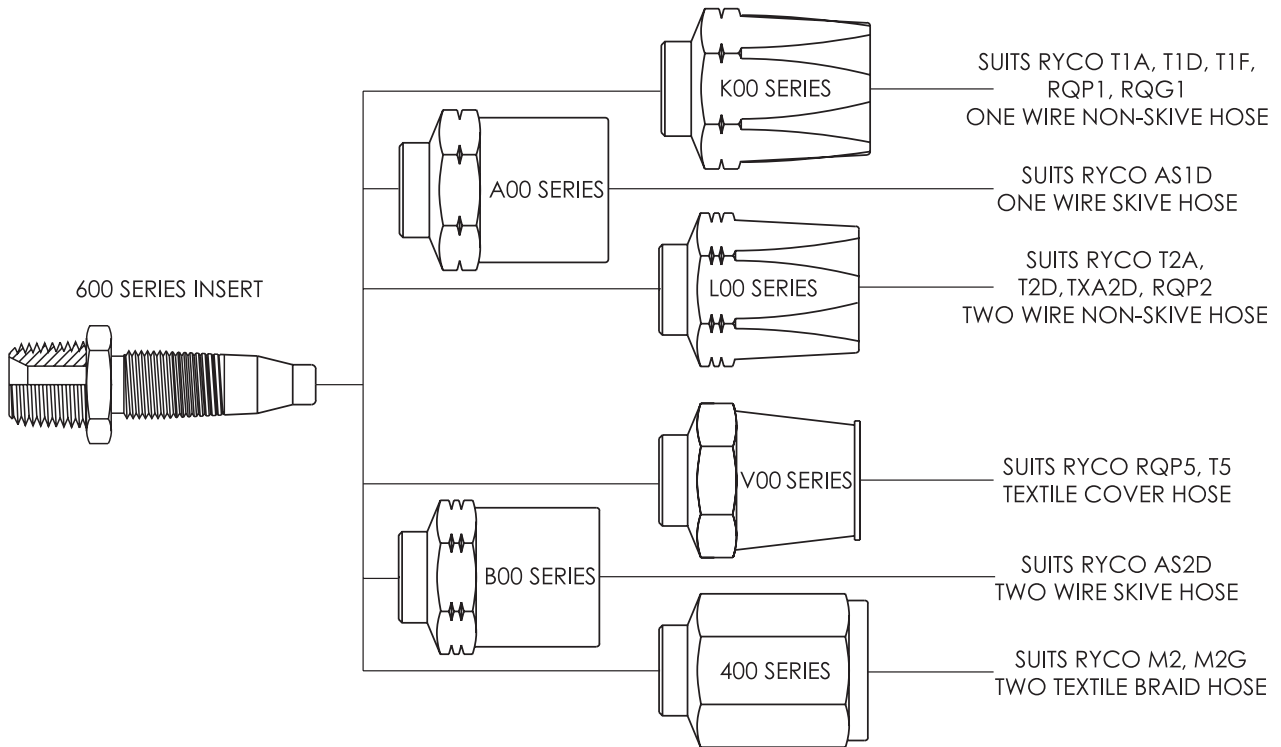
NON-SKIVE

For RYCO Hose Series RQP5 and T5 all sizes.

<b>SALVAGE</b>				<b>623</b>	<b>V23</b>		
<b>TUBE WELD</b>							
							
HOSE SIZE ACTUAL ID	A	DASH SIZE	V00 FERRULE	SALVAGE (LIFESAVER)			
DN	inch	inch	PART NO	INSERT	COUPLING	C <sub>A</sub>	
5	3/16	1/4	-0304	<b>V00-04</b>	<b>623-0304</b>	<b>V23-0304</b>	22
6	1/4	3/8	-0406	<b>V00-05</b>	<b>623-0406</b>	<b>V23-0406</b>	24
8	5/16	3/8	-0506	<b>V00-06</b>	<b>623-0506</b>	<b>V23-0506</b>	25
10	13/32	3/8	-0606	<b>V00-08</b>	<b>623-0606</b>	<b>V23-0606</b>	25
10	13/32	1/2	-0608	<b>V00-08</b>	<b>623-0608</b>	<b>V23-0608</b>	25
12	1/2	5/8	-0810	<b>V00-10</b>	<b>623-0810</b>	<b>V23-0810</b>	29
16	5/8	3/4	-1012	<b>V00-12</b>	<b>623-1012</b>	<b>V23-1012</b>	29
22	7/8	1	-1416	<b>V00-16</b>	<b>623-1416</b>	<b>V23-1416</b>	32
28	1.1/8	1.1/4	-1820	<b>V00-20</b>	<b>623-1820</b>	<b>V23-1820</b>	41

<b>UNO (O RING BOSS)</b>				<b>620</b>	<b>V20</b>			
<b>O RING SUPPLIED</b>								
								
HOSE SIZE ACTUAL ID	THREAD SIZE	TUBE SIZE	DASH SIZE	V00 FERRULE	UN O RING MALE (O RING BOSS)			
DN	inch	inch	inch	PART NO	INSERT	COUPLING	C <sub>A</sub>	
6	1/4	9/16	3/8	-0409	<b>V00-05</b>	<b>620-0409</b>	<b>V20-0409</b>	27
10	13/32	9/16	3/8	-0609	<b>V00-08</b>	<b>620-0609</b>	<b>V20-0609</b>	28
10	13/32	3/4	1/2	-0612	<b>V00-08</b>	<b>620-0612</b>	<b>V20-0612</b>	31
12	1/2	3/4	1/2	-0812	<b>V00-10</b>	<b>620-0812</b>	<b>V20-0812</b>	33
12	1/2	7/8	5/8	-0814	<b>V00-10</b>	<b>620-0814</b>	<b>V20-0814</b>	35
12	1/2	1.1/16	3/4	-0817	<b>V00-10</b>	<b>620-0817</b>	<b>V20-0817</b>	39
16	5/8	1.1/16	3/4	-1017	<b>V00-12</b>	<b>620-1017</b>	<b>V20-1017</b>	39

The RYCO Field Attachable system consists of six ferrule styles, each specific to a hose type, and one common insert. Field attachable inserts and ferrules can be ordered individually, or as a complete coupling for specific hose types.



V00 Series Couplings for T5 Hose Series are shown on pages 190 to 201.

600 Series Inserts, for use with A00, B00, K00, L00 and 400 Series Ferrules, are shown on pages 204 to 219.

FERRULES			A00	B00	K00	L00	400						
SUITS RYCO HOSE TYPE			ONE WIRE BRAID SKIVE	TWO WIRE BRAID SKIVE	ONE WIRE BRAID NON-SKIVE	TWO WIRE BRAID NON-SKIVE	TWO TEXTILE BRAID						
SUITS RYCO HOSE SERIES			RYCO AS1D	RYCO AS2D	RYCO T1A, T1D, T1F RQP1, RQP1	RYCO T2A, T2D, TXA2D, RQP2	RYCO M2, M2G						
HOSE SIZE		USE INSERT	$C_A$ Adj.	$C_A$ Adj.	$C_A$ Adj.	$C_A$ Adj.	$C_A$ Adj.						
DN	inch	Dash	SERIES	PART NO	mm	PART NO	mm	PART NO	mm	PART NO	mm	PART NO	mm
5	3/16	-03	600-03										
6	1/4	-04	600-04	A00-04	-3	B00-04	-3	K00-04	0	L00-04	0	400-04	0
10	3/8	-06	600-06	A00-06	0	B00-06	-1	K00-06	0	L00-06	0	400-06	0
12	1/2	-08	600-08	A00-08	+3	B00-08	0	K00-08	+3	L00-08	0	400-08	0
16	5/8	-10	600-10			B00-10	+1	K00-10	+1	L00-10	0		
19	3/4	-12	600-12	A00-12	0	B00-12	0	K00-12	+2	L00-12	0	400-12	0
25	1	-16	600-16	A00-16	-4	B00-16	-2	K00-16	0	L00-16	0	400-16	-2
31	1.1/4	-20	600-20	A00-20	-2	B00-20	-4			L00-20	0		
38	1.1/2	-24	600-24	A00-24	+2	B00-24	0						
51	2	-32	600-32	A00-32	0	B00-32	0						

## All Series (except V Series)

Field Attachable Inserts and Ferrules can be ordered individually, or as complete Couplings. Each Ferrule Series is specific to a hose type as detailed on the previous page.

For all Series, except V Series\*, the following method is used:

### Example 1

(a) Individually

To order 1/2" NPT male Insert and Ferrule for 1/2" two wire non-skive hose (T2A).

Order Insert **609-0808** (600 Series). See NPT 600 Series Inserts on page 208.

Order Ferrule **L00-08**.

L00 Series Ferrules are used on T2A hose; see table on the previous page, or table for Matched Couplings for T2A on page 31.

Dash Size -08 part of L00-08 comes from 1/2" hose = 8/16" = -08; or from the tables.

(b) Complete Coupling

Order **L09-0808**.

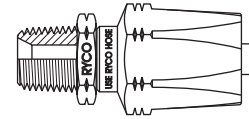
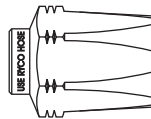
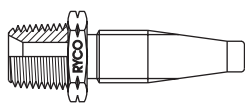
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.

**(replace 6 with L) = 609-0808 → L09-0808**

609-0808 Insert

plus L00-08 Ferrule equals

L09-0808 complete Coupling



### Example 2

(a) Individually

To order 3/4" -16 JIC female Insert and Ferrule for 3/8" RQP1 series hose.

Order Insert **604-0612** (600 Series). See JIC 600 Series Inserts on page 209.

Order Ferrule **K00-06**.

K00 Series Ferrules are used on RQP1 hose; see table on previous page, table for Matched Couplings for RQP1 on page 50.

Dash Size -06 part of K00-06 comes from 3/8" hose = 6/16" = -06; or from the tables.

(b) Complete Coupling

Order **K04-0612**.

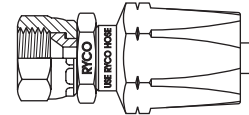
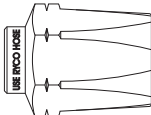
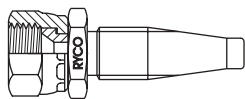
Simply replace the first character of the Insert part number with the first character of the Ferrule part number.

**(replace 6 with K) = 604-0612 → K04-0612**

604-0612 Insert

plus K00-06 Ferrule equals

K04-0612 complete Coupling



\* See pages 188 and 189 for How To Order RYCO V00 Series Field Attachable Couplings for RQP5 and T5 Series Hose.

## Cut-Off Allowance (C<sub>A</sub>) Dimensions for Field Attachables

Due to differences in Ferrule design, many Cut-Off Allowance (C<sub>A</sub>) dimensions vary between each Ferrule Series for the same matched Insert/Hose size.

The Cut-Off Allowance (C<sub>A</sub>) dimensions published in "600 Series Field Attachable Inserts" section allow for the Ferrule being eased back 5/8 of a turn after the hose has bottomed in the ferrule, as per "Field Attachable Assembly Instructions" (ease back between 1/2 and 3/4 of a turn).

The Cut-Off Allowance (C<sub>A</sub>) values for 600 Series Inserts, published in the tables on pages 204 to 219 are:

1. Up to and including -20 Size; the C<sub>A</sub> is for **L00** Series (the most popular series)
2. For -24 and -32 Size; the C<sub>A</sub> is for **B00** Series.

To determine the correct Cut-Off Allowance (C<sub>A</sub>) for other Ferrule Series, use the published figure from pages 204 to 219, and adjust by the C<sub>A</sub> Adjustment dimension listed in the table on the previous page.

### EXAMPLE:

Determine the Cut-Off Allowance (C<sub>A</sub>) for **K09-1616**.

From table on page 208, Cut-Off Allowance (C<sub>A</sub>) for **609-0808** (L09-0808) is 42 mm.

From the table on the previous page, adjustment for **K00** Series in -08 size is "add 3 mm".

**Cut-Off Allowance (C<sub>A</sub>) for K09-0808 = 42 mm + 3 mm = 45 mm.**

If the hose assembly length is critical, when calculating the Cut Length of hose, you must also allow for an increase in length of hose when the coupling is attached, due to compression within the coupling; see page 393.

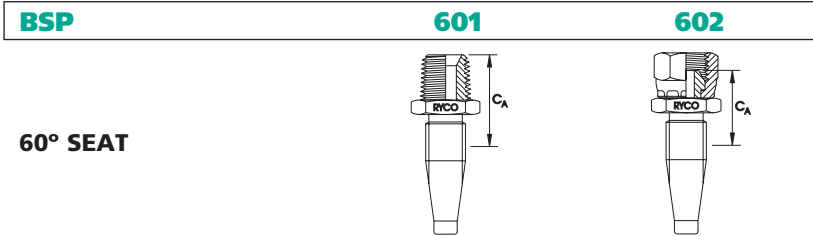
For further information about Hose Assemblies and Cut-Off Allowances (C<sub>A</sub>), see pages 392 to 398 of the Technical Section.

\* For Cut-Off Allowances (C<sub>A</sub>), and **V Series** Couplings, refer to pages 188 to 201.

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE		THREAD SIZE	DASH SIZE	BSPT MALE		BSPF FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>601-0402</b>	31	<b>602-0402</b>	31
6	1/4	1/4	-0404	<b>601-0404</b>	35	<b>602-0404</b>	31
6	1/4	3/8	-0406	<b>601-0406</b>	35	<b>602-0406</b>	33
10	3/8	1/8	-0602	<b>601-0602</b>	28		
10	3/8	1/4	-0604	<b>601-0604</b>	32	<b>602-0604</b>	28
10	3/8	3/8	-0606	<b>601-0606</b>	32	<b>602-0606</b>	31
10	3/8	1/2	-0608	<b>601-0608</b>	38	<b>602-0608</b>	33
12	1/2	1/4	-0804	<b>601-0804</b>	37		
12	1/2	3/8	-0806	<b>601-0806</b>	37	<b>602-0806</b>	35
12	1/2	1/2	-0808	<b>601-0808</b>	42	<b>602-0808</b>	36
12	1/2	5/8	-0810				
12	1/2	3/4	-0812			<b>602-0812</b>	36
16	5/8	1/2	-1008	<b>601-1008</b>	45		
16	5/8	5/8	-1010	<b>601-1010</b>	45	<b>602-1010</b>	38
16	5/8	3/4	-1012	<b>601-1012</b>	44	<b>602-1012</b>	40
19	3/4	1/2	-1208				
19	3/4	3/4	-1212	<b>601-1212</b>	46	<b>602-1212</b>	38
19	3/4	1	-1216	<b>601-1216</b>	50	<b>602-1216</b>	42
25	1	1	-1616	<b>601-1616</b>	55	<b>602-1616</b>	46
31	1.1/4	1.1/4	-2020	<b>601-2020</b>	60	<b>602-2020</b>	53
38	1.1/2	1.1/2	-2424	<b>601-2424</b>	56	<b>602-2424</b>	46
51	2	2	-3232	<b>601-3232</b>	66	<b>602-3232</b>	62

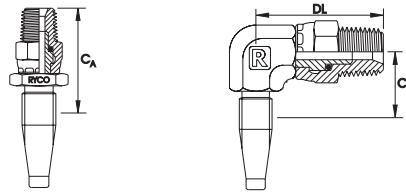
Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

**BSP** **632** **634**

**60° SEAT**



HOSE SIZE				THREAD SIZE	DASH SIZE	BSPT MALE SWIVEL	BSPT MALE SWIVEL 90° ELBOW		
DN	inch	inch		PART NO	CA	PART NO	CA	DL	
10	3/8	3/8	-0606	<b>632-0606</b>	50	<b>634-0606</b>	24	41	
10	3/8	1/2	-0608	<b>632-0608</b>	54	<b>634-0608</b>	24	45	
12	1/2	1/2	-0808	<b>632-0808</b>	57	<b>634-0808</b>	32	47	
19	3/4	3/4	-1212	<b>632-1212</b>	60				

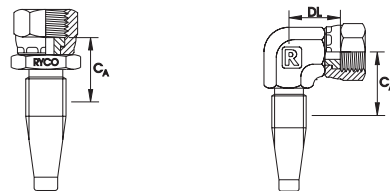
These "Live Swivel" **632** and **634** Series Inserts are for Maximum Working Pressure:

- 350 bar (5100 psi) -06 Hose Size
- 280 bar (4060 psi) -08 & -12 Hose Size

Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

**BSP** **602F** **605F**

**SPECIAL SEATS**

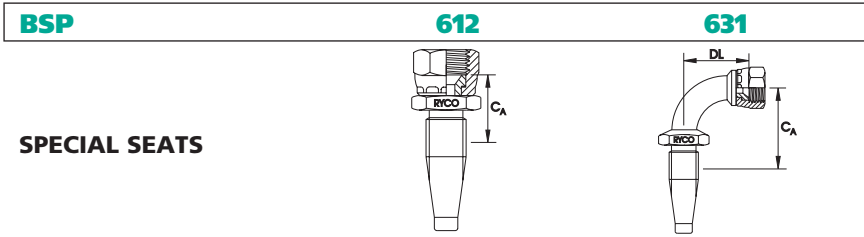


HOSE SIZE				THREAD SIZE	DASH SIZE	BSPP FEMALE FLAT FACE	BSPP FEMALE FLAT FACE 90° ELBOW		
DN	inch	inch		PART NO	CA	PART NO	CA	DL	
6	1/4	1/4	-0404	<b>602F-0404</b>	28				
10	3/8	3/8	-0606	<b>602F-0606</b>	28				
10	3/8	1/2	-0608	<b>602F-0608</b>	29	<b>605F-0608</b>	24	21	
12	1/2	1/2	-0808	<b>602F-0808</b>	32				
12	1/2	3/4	-0812	<b>602F-0812</b>	32				
19	3/4	3/4	-1212	<b>602F-1212</b>	34				
25	1	1	-1616						

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

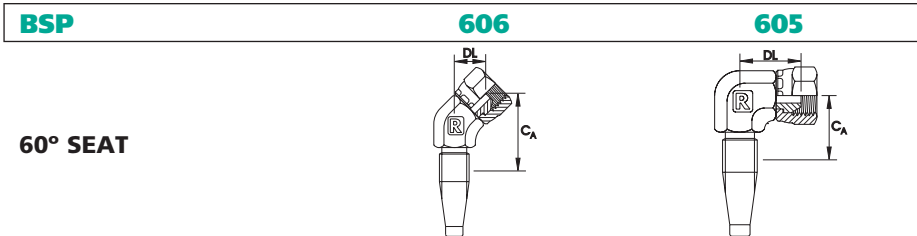
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE			THREAD SIZE	DASH SIZE	BSP FEMALE 60° CONCAVE SEAT (JIS)		BSP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND		
DN	inch	inch			PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404		<b>612-0404</b>	31			
10	3/8	3/8	-0606		<b>612-0606</b>	29	<b>631-0606</b>	40	37
10	3/8	1/2	-0608						
12	1/2	1/2	-0808		<b>612-0808</b>	33			
12	1/2	3/4	-0812						
19	3/4	3/4	-1212		<b>612-1212</b>	36			
25	1	1	-1616		<b>612-1616</b>	43			

**Please note:**  
These **612** and **631** Series inserts are also listed in the JIS section on page 211.



HOSE SIZE			THREAD SIZE	DASH SIZE	BSP FEMALE 45° ELBOW		BSP FEMALE 90° ELBOW			
DN	inch	inch			PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404		<b>606-0404</b>	40	15	<b>605-0404</b>	27	20
6	1/4	3/8	-0406					<b>605-0406</b>	26	22
10	3/8	3/8	-0606		<b>606-0606</b>	39	15	<b>605-0606</b>	24	23
10	3/8	1/2	-0608					<b>605-0608</b>	24	25
12	1/2	1/2	-0808		<b>606-0808</b>	48	16	<b>605-0808</b>	32	26
16	5/8	5/8	-1010		<b>606-1010</b>	50	17	<b>605-1010</b>	35	28
19	3/4	3/4	-1212		<b>606-1212</b>	48	16	<b>605-1212</b>	32	29
25	1	1	-1616		<b>606-1616</b>	60	19	<b>605-1616</b>	39	35
31	1.1/4	1.1/4	-2020		<b>606-2020</b>	65	24	<b>605-2020</b>	43	43
38	1.1/2	1.1/2	-2424		<b>606-2424</b>	72	29	<b>605-2424</b>	50	49
51	2	2	-3232		<b>606-3232</b>	85	32	<b>605-3232</b>	56	61



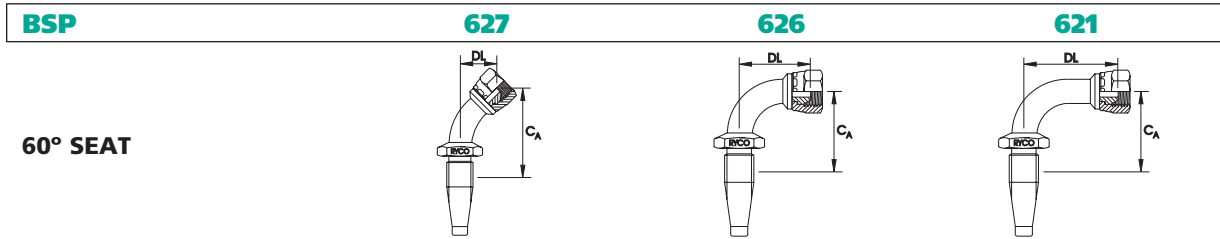
# 600 Series Field Attachable Inserts



Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE				THREAD SIZE	DASH SIZE	BSPP FEMALE 45° TUBE BEND			BSPP FEMALE 90° TUBE BEND			BSPP FEMALE 90° LONG TUBE BEND		
DN	inch	inch				PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404			<b>627-0404</b>	54	19	<b>626-0404</b>	43	35	<b>621-0404</b>	43	61
6	1/4	3/8	-0406											
10	3/8	3/8	-0606			<b>627-0606</b>	52	21	<b>626-0606</b>	40	37	<b>621-0606</b>	40	63
10	3/8	1/2	-0608						<b>626-0608</b>	45	44			
12	1/2	1/2	-0808			<b>627-0808</b>	61	23	<b>626-0808</b>	49	44	<b>621-0808</b>	49	71
12	1/2	5/8	-0810						<b>626-0810</b>	54	47	<b>621-0810</b>	54	74
16	5/8	5/8	-1010			<b>627-1010</b>	66	23	<b>626-1010</b>	56	47	<b>621-1010</b>	56	74
16	5/8	3/4	-1012											
19	3/4	3/4	-1212			<b>627-1212</b>	69	26	<b>626-1212</b>	60	53	<b>621-1212</b>	60	84
25	1	1	-1616			<b>627-1616</b>	88	32	<b>626-1616</b>	78	68	<b>621-1616</b>	78	102
31	1.1/4	1.1/4	-2020			<b>627-2020</b>	101	37	<b>626-2020</b>	93	80	<b>621-2020</b>	93	120
38	1.1/2	1.1/2	-2424											
51	2	2	-3232			<b>627-3232</b>	131	49	<b>626-3232</b>	126	114			

Intro

Hose

Couplings

Adaptors

Accessories

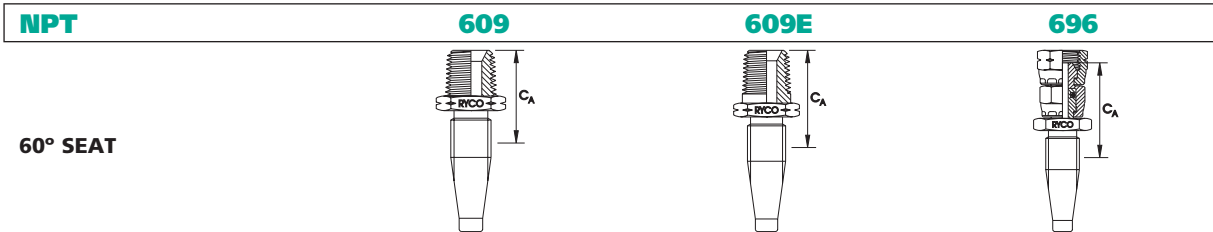
Filters

Technical

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

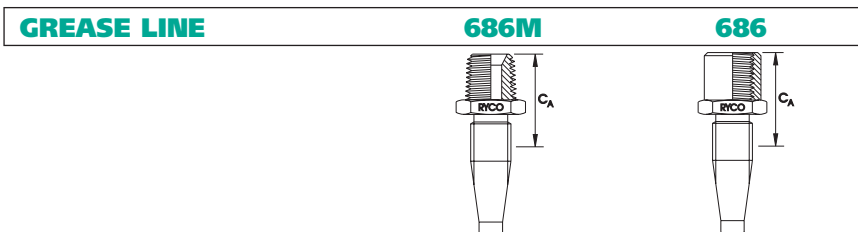
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE				THREAD SIZE	DASH SIZE	NPT MALE	NPT MALE EXTENDED	NPSM FEMALE LIVE SWIVEL	
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/8	-0402	<b>609-0402</b>	31				
6	1/4	1/4	-0404	<b>609-0404</b>	35			<b>696-0404</b>	50
6	1/4	3/8	-0406	<b>609-0406</b>	35	<b>609E-0406</b>	43		
10	3/8	1/4	-0604	<b>609-0604</b>	32			<b>696-0604</b>	46
10	3/8	3/8	-0606	<b>609-0606</b>	32	<b>609E-0606</b>			
10	3/8	1/2	-0608	<b>609-0608</b>	38				
12	1/2	1/4	-0804						
12	1/2	3/8	-0806	<b>609-0806</b>	37				
12	1/2	1/2	0808	<b>609-0808</b>	42				
12	1/2	3/4	-0812						
16	5/8	1/2	-1008	<b>609-1008</b>	45				
16	5/8	5/8	-1010						
16	5/8	3/4	-1012	<b>609-1012</b>	45				
19	3/4	1/2	-1208	<b>609-1208</b>	42				
19	3/4	3/4	-1212	<b>609-1212</b>	42				
19	3/4	1	-1216						
25	1	1	-1616	<b>609-1616</b>	55				
31	1.1/4	1.1/4	-2020	<b>609-2020</b>	60				
38	1.1/2	1.1/2	-2424	<b>609-2424</b>	56				
51	2	2	-3232	<b>609-3232</b>	66				

These "Live Swivel" 696 Series Inserts are for Maximum Working Pressure:  
 420 bar (6000 psi)  
 -04 Hose Size  
 350 bar (5100 psi)  
 -06 Hose Size  
 Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.



HOSE SIZE				THREAD SIZE	DASH SIZE	GREASE LINE MALE	GREASE LINE FIXED FEMALE
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>
6	1/4	1/2x27 TPI	-0408	<b>686M-0408</b>	32	<b>686-0408</b>	32
10	3/8	1/2x27 TPI	-0608			<b>686-0608</b>	29

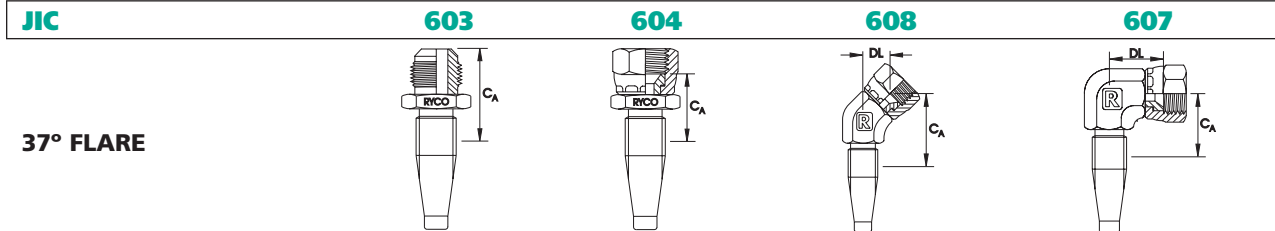
# 600 Series Field Attachable Inserts



Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



HOSE SIZE				THREAD SIZE	TUBE SIZE	DASH SIZE	JIC MALE	JIC FEMALE	JIC FEMALE 45° ELBOW	JIC FEMALE 90° ELBOW				
DN	inch	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
6	1/4	7/16	1/4	-0407	<b>603-0407</b>	35	<b>604-0407</b>	29	<b>608-0407</b>	38	14	<b>607-0407</b>	27	18
6	1/4	1/2	5/16	-0408	<b>603-0408</b>	35	<b>604-0408</b>	29	<b>608-0408</b>	38	14	<b>607-0408</b>	27	18
6	1/4	9/16	3/8	-0409	<b>603-0409</b>	35	<b>604-0409</b>	29	<b>608-0409</b>	38	14	<b>607-0409</b>	27	18
6	1/4	3/4	1/2	-0412	<b>603-0412</b>	39	<b>604-0412</b>	31						
10	3/8	7/16	1/4	-0607			<b>604-0607</b>	26				<b>607-0607</b>	26	19
10	3/8	1/2	5/16	-0608			<b>604-0608</b>	26						
10	3/8	9/16	3/8	-0609	<b>603-0609</b>	32	<b>604-0609</b>	26	<b>608-0609</b>	36	12	<b>607-0609</b>	24	20
10	3/8	3/4	1/2	-0612	<b>603-0612</b>	36	<b>604-0612</b>	29	<b>608-0612</b>	37	13	<b>607-0612</b>	24	21
10	3/8	7/8	5/8	-0614	<b>603-0614</b>	38	<b>604-0614</b>	30						
12	1/2	9/16	3/8	-0809			<b>604-0809</b>	31						
12	1/2	3/4	1/2	-0812	<b>603-0812</b>	39	<b>604-0812</b>	32	<b>608-0812</b>	46	15	<b>607-0812</b>	32	22
12	1/2	7/8	5/8	-0814	<b>603-0814</b>	41	<b>604-0814</b>	33	<b>608-0814</b>	46	13	<b>607-0814</b>	32	23
12	1/2	1.1/16	3/4	-0817	<b>603-0817</b>	46	<b>604-0817</b>	36	<b>608-0817</b>	48	15	<b>607-0817</b>	32	25
16	5/8	7/8	5/8	-1014	<b>603-1014</b>	45	<b>604-1014</b>	36	<b>608-1014</b>	49	19	<b>607-1014</b>	33	27
16	5/8	1.1/16	3/4	-1017	<b>603-1017</b>	48	<b>604-1017</b>	38	<b>608-1017</b>	48	14	<b>607-1017</b>	33	28
19	3/4	7/8	5/8	-1214			<b>604-1214</b>	36						
19	3/4	1.1/16	3/4	-1217	<b>603-1217</b>	46	<b>604-1217</b>	36	<b>608-1217</b>	48	15	<b>607-1217</b>	32	28
19	3/4	1.3/16	7/8	-1219	<b>603-1219</b>	47	<b>604-1219</b>	38				<b>607-1219</b>	31	28
19	3/4	1.5/16	1	-1221	<b>603-1221</b>	49	<b>604-1221</b>	39						
25	1	1.1/16	3/4	-1617	<b>603-1617</b>	52	<b>604-1617</b>	43						
25	1	1.5/16	1	-1621	<b>603-1621</b>	53	<b>604-1621</b>	43	<b>608-1621</b>	58	18	<b>607-1621</b>	39	32
25	1	1.5/8	1.1/4	-1626	<b>603-1626</b>	56	<b>604-1626</b>	44						
31	1.1/4	1.5/8	1.1/4	-2026	<b>603-2026</b>	60	<b>604-2026</b>	49	<b>608-2026</b>	62	21	<b>607-2026</b>	43	37
38	1.1/2	1.7/8	1.1/2	-2430			<b>604-2430</b>	50						
51	2	2.1/2	2	-3240			<b>604-3240</b>	61						

Intro

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Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

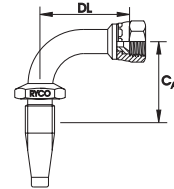
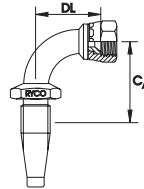
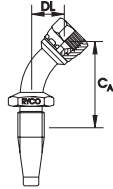
## JIC

### 625

### 624

### 628

## 37° FLARE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	JIC FEMALE 45° TUBE BEND			JIC FEMALE 90° TUBE BEND			JIC FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407	<b>625-0407</b>	53	18	<b>624-0407</b>	43	33	<b>628-0407</b>	43	59
6	1/4	1/2	5/16	-0408	<b>625-0408</b>	53	18	<b>624-0408</b>	43	33	<b>628-0408</b>	43	59
6	1/4	9/16	3/8	-0409	<b>625-0409</b>	53	18	<b>624-0409</b>	43	34	<b>628-0409</b>	43	60
6	1/4	3/4	1/2	-0412									
10	3/8	7/16	1/4	-0607									
10	3/8	1/2	5/16	-0608									
10	3/8	9/16	3/8	-0609	<b>625-0609</b>	50	18	<b>624-0609</b>	40	34	<b>628-0609</b>	40	60
10	3/8	3/4	1/2	-0612	<b>625-0612</b>	54	20	<b>624-0612</b>	45	40	<b>628-0612</b>	45	67
10	3/8	7/8	5/8	-0614									
12	1/2	9/16	3/8	-0809									
12	1/2	3/4	1/2	-0812	<b>625-0812</b>	59	20	<b>624-0812</b>	49	40	<b>628-0812</b>	49	67
12	1/2	7/8	5/8	-0814	<b>625-0814</b>	63	23	<b>624-0814</b>	54	46	<b>628-0814</b>	54	74
12	1/2	1.1/16	3/4	-0817									
16	5/8	7/8	5/8	-1014	<b>625-1014</b>	65	24	<b>624-1014</b>	56	46	<b>628-1014</b>	56	74
16	5/8	1.1/16	3/4	-1017	<b>625-1017</b>	69	25	<b>624-1017</b>	61	52	<b>628-1017</b>	61	82
19	3/4	7/8	5/8	-1214									
19	3/4	1.1/16	3/4	-1217	<b>625-1217</b>	68	25	<b>624-1217</b>	60	52	<b>628-1217</b>	60	82
19	3/4	1.3/16	7/8	-1219	<b>625-1219</b>	68	25	<b>624-1219</b>	60	52			
19	3/4	1.5/16	1	-1221	<b>625-1221</b>	81	30	<b>624-1221</b>	74	65			
25	1	1.1/16	3/4	-1617				<b>624-1617</b>	78	64			
25	1	1.5/16	1	-1621	<b>625-1621</b>	86	30	<b>624-1621</b>	78	67	<b>628-1621</b>	78	101
25	1	1.5/8	1.1/4	-1626									
31	1.1/4	1.5/8	1.1/4	-2026	<b>625-2026</b>	98	33	<b>624-2026</b>	93	75	<b>628-2026</b>	93	116
38	1.1/2	1.7/8	1.1/2	-2430	<b>625-2430</b>	104	40				<b>628-2430</b>	98	139
51	2	2.1/2	2	-3240									

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

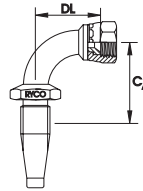
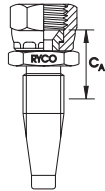
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

**JIS** **612** **631**

**JAPANESE INDUSTRIAL STANDARD (JIS)**

**BSPP THREAD FORM  
60° CONCAVE SEAT**



HOSE SIZE	THREAD SIZE	DASH SIZE	BSPP FEMALE 60° CONCAVE SEAT (JIS)	BSPP FEMALE 60° CONCAVE SEAT (JIS) 90° TUBE BEND
-----------	-------------	-----------	---------------------------------------	--

DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	1/4	-0404	<b>612-0404</b>	31			
10	3/8	3/8	-0606	<b>612-0606</b>	29	<b>631-0606</b>	40	37
10	3/8	1/2	-0608					
12	1/2	1/2	-0808	<b>612-0808</b>	33			
12	1/2	3/4	-0812					
19	3/4	3/4	-1212	<b>612-1212</b>	36			
25	1	1	-1616	<b>612-1616</b>	43			

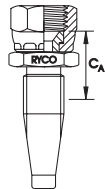
**Please note:**

These **612** and **631** Series inserts are also listed in the BSP section on page 206.

**JIS** **668**

**JAPANESE INDUSTRIAL STANDARD (JIS)**

**"KOMATSU"  
METRIC THREAD FORM  
60° CONCAVE SEAT**



HOSE SIZE	THREAD SIZE	DASH SIZE	METRIC FEMALE 60 CONCAVE SEAT (JIS)
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DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	14x1,5	-0414	<b>668-0414</b>	33
10	3/8	18x1,5	-0618	<b>668-0618</b>	27
10	3/8	22x1,5	-0622	<b>668-0622</b>	30
12	1/2	22x1,5	-0822	<b>668-0822</b>	33
12	1/2	24x1,5	-0824	<b>668-0824</b>	33
16	5/8	24x1,5	-1024	<b>668-1024</b>	37
16	5/8	30x1,5	-1030	<b>668-1030</b>	37
19	3/4	24x1,5	-1224	<b>668-1224</b>	36
19	3/4	30x1,5	-1230	<b>668-1230</b>	36
19	3/4	33x1,5	-1233	<b>668-1233</b>	39
25	1	33x1,5	-1633	<b>668-1633</b>	41

**Please note:**

These **668** Series inserts are also listed in the METRIC section on page 213.

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

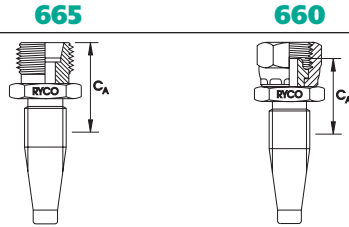
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

## METRIC

### DKL METRIC (LIGHT)

RYCO DKL Female Swivels up to M26 size have Multiseal DKL 24° and DKM 60° Cone. M30 and over have DKL 24° Cone only.

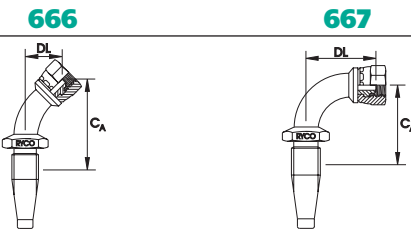


HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKL MALE 24° CONE	DKL FEMALE 24°/60° CONE
6	1/4	12x1,5	6	-0412	
6	1/4	14x1,5	8	-0414	
6	1/4	16x1,5	10	-0416	
10	3/8	16x1,5	10	-0616	
10	3/8	18x1,5	12	-0618	
12	1/2	18x1,5	12	-0818	
12	1/2	22x1,5	15	-0822	
12	1/2	26x1,5	18	-0826	
16	5/8	26x1,5	18	-1026	
19	3/4	30x2,0	22	-1230	
25	1	36x2,0	28	-1636	
31	1.1/4	45x2,0	35	-2045	

## METRIC

### DKL METRIC (LIGHT)

RYCO DKL Female Swivels up to M26 size have Multiseal DKL 24° and DKM 60° Cone. M30 and over have DKL 24° Cone only.



HOSE SIZE	THREAD SIZE	TUBE SIZE	DASH SIZE	DKL FEMALE 24°/60° CONE 45° TUBE BEND	DKL FEMALE 24°/60° CONE 90° TUBE BEND
6	1/4	12x1,5	6	-0412	
6	1/4	14x1,5	8	-0414	
10	3/8	16x1,5	10	-0616	
10	3/8	18x1,5	12	-0618	
12	1/2	18x1,5	12	-0818	
12	1/2	22x1,5	15	-0822	
12	1/2	26x1,5	18	-0826	
16	5/8	26x1,5	18	-1026	
19	3/4	30x2,0	22	-1230	
25	1	36x2,0	28	-1636	
31	1.1/4	45x2,0	35	-2045	

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

METRIC											
DKS/DKOS METRIC O RING (HEAVY) 24° CONE											
				663		671		672			
HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKS MALE 24° CONE		DKOS FEMALE 24° CONE		DKOS FEMALE 24° CONE 45° TUBE BEND		
DN	inch	mm	mm		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL
6	1/4	16x1,5	8	-0416	663-0416	33	671-0416	34	672-0416	58	23
6	1/4	18x1,5	10	-0418	663-0418	33	671-0418	34	672-0418	58	23
10	3/8	20x1,5	12	-0620	663-0620	29	671-0620	33	672-0620	60	26
10	3/8	22x1,5	14	-0622	663-0622	33	671-0622	36	672-0622	61	27
12	1/2	24x1,5	16	-0824	663-0824	36	671-0824	40	672-0824	70	30
19	3/4	30x2,0	20	-1230	663-1230	40	671-1230	44	672-1230	76	33
19	3/4	36x2,0	25	-1236	663-1236	44	671-1236	47	672-1236	89	38
25	1	42x2,0	30	-1642	663-1642	49	671-1642				
31	1.1/4	52x2,0	38	-2052			671-2052				

METRIC											
DKOS METRIC O RING (HEAVY) 24° CONE											
673											
HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	DKOS FEMALE 24° CONE 90° TUBE BEND						
DN	inch	mm	mm		PART NO	C <sub>A</sub>	DL				
6	1/4	16x1,5	8	-0416	673-0416	43	41				
6	1/4	18x1,5	10	-0418	673-0418	43	41				
10	3/8	20x1,5	12	-0620	673-0620	45	48				
10	3/8	22x1,5	14	-0622	673-0622	45	50				
12	1/2	24x1,5	16	-0824	673-0824	54	56				
16	5/8	30x2,0	20	-1030							
19	3/4	30x2,0	20	-1230	673-1230	60	63				
19	3/4	36x2,0	25	-1236	673-1236	74	76				
25	1	42x2,0	30	-1642							
31	1.1/4	52x2,0	38	-2052							

METRIC											
JAPANESE INDUSTRIAL STANDARD (JIS) "KOMATSU" METRIC THREAD FORM 60° CONCAVE SEAT											
668											
HOSE SIZE		THREAD SIZE	DASH SIZE	METRIC FEMALE 60° CONCAVE SEAT (JIS)							
DN	inch	mm		PART NO	C <sub>A</sub>						
6	1/4	14x1,5	-0414	668-0414	33						
10	3/8	18x1,5	-0618	668-0618	27						
10	3/8	22x1,5	-0622	668-0622	30						
12	1/2	22x1,5	-0822	668-0822	33						
12	1/2	24x1,5	-0824	668-0824	33						
16	5/8	24x1,5	-1024	668-1024	37						
16	5/8	30x1,5	-1030	668-1030	37						
19	3/4	24x1,5	-1224	668-1224	36						
19	3/4	30x1,5	-1230	668-1230	36						
19	3/4	33x1,5	-1233	668-1233	39						
25	1	33x1,5	-1633	668-1633	41						

Please note:

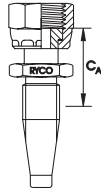
These 668 Series inserts are also listed in the JIS section on page 211.

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.  
 For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.  
 600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

## ORFS

### 680

O RING  
FACE SEAL



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
6	1/4	9/16	1/4	-0409	<b>680-0409</b>	38
6	1/4	11/16	3/8	-0411	<b>680-0411</b>	40
10	3/8	11/16	3/8	-0611	<b>680-0611</b>	36
10	3/8	13/16	1/2	-0613	<b>680-0613</b>	39
12	1/2	13/16	1/2	-0813	<b>680-0813</b>	41
12	1/2	1	5/8	-0816	<b>680-0816</b>	47
16	5/8	1	5/8	-1016	<b>680-1016</b>	49
16	5/8	1.3/16	3/4	-1019	<b>680-1019</b>	52
19	3/4	1.3/16	3/4	-1219	<b>680-1219</b>	50
19	3/4	1.7/16	1	-1223	<b>680-1223</b>	61
25	1	1.7/16	1	-1623	<b>680-1623</b>	65
31	1.1/4	1.11/16	1.1/4	-2027	<b>680-2027</b>	72

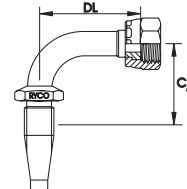
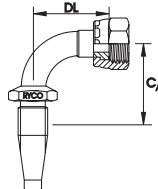
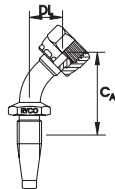
## ORFS

### 681

### 682

### 683

O RING  
FACE SEAL



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	ORFS FEMALE 45° TUBE BEND			ORFS FEMALE 90° TUBE BEND			ORFS FEMALE 90° LONG BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	9/16	1/4	-0409	<b>681-0409</b>	47	14	<b>682-0409</b>	39	25	<b>683-0409</b>	39	46
6	1/4	11/16	3/8	-0411	<b>681-0411</b>	51	16	<b>682-0411</b>	43	31	<b>683-0411</b>	43	57
10	3/8	11/16	3/8	-0611	<b>681-0611</b>	48	16	<b>682-0611</b>	40	31	<b>683-0611</b>	40	57
10	3/8	13/16	1/2	-0613	<b>681-0613</b>	53	19	<b>682-0613</b>	45	38	<b>683-0613</b>	45	65
12	1/2	13/16	1/2	-0813	<b>681-0813</b>	57	19	<b>682-0813</b>	49	38	<b>683-0813</b>	49	65
12	1/2	1	5/8	-0816	<b>681-0816</b>	61	20	<b>682-0816</b>	54	43	<b>683-0816</b>	54	70
16	5/8	1	5/8	-1016	<b>681-1016</b>	63	20	<b>682-1016</b>	56	43	<b>683-1016</b>	56	70
16	5/8	1.3/16	3/4	-1019	<b>681-1019</b>	67	23	<b>682-1019</b>	61	49	<b>683-1019</b>	61	79
19	3/4	1.3/16	3/4	-1219	<b>681-1219</b>	66	23	<b>682-1219</b>	60	49	<b>683-1219</b>	60	79
19	3/4	1.7/16	1	-1223	<b>681-1223</b>	79	28	<b>682-1223</b>	74	61	<b>683-1223</b>	74	95
25	1	1.7/16	1	-1623	<b>681-1623</b>	83	28	<b>682-1623</b>	78	61	<b>683-1623</b>	78	95
31	1.1/4	1.11/16	1.1/4	-2027	<b>681-2027</b>	95	30	<b>682-2027</b>	93	71	<b>683-2027</b>	93	111



# 600 Series Field Attachable Inserts



Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

**SAE**

**45° FLARE**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE MALE		SAE FEMALE		SAE FEMALE 45° ELBOW			SAE FEMALE 90° ELBOW		
DN	inch	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
6	1/4	7/16	1/4	-0407			<b>654-0407</b>	29						
6	1/4	1/2	5/16	-0408			<b>654-0408</b>	29						
6	1/4	5/8	3/8	-0410	<b>653-0410</b>	37	<b>654-0410</b>	29						
10	3/8	1/2	5/16	-0608	<b>653-0608</b>	32	<b>654-0608</b>	26	<b>658-0608</b>	35	10	<b>657-0608</b>	26	19
10	3/8	5/8	3/8	-0610	<b>653-0610</b>	33	<b>654-0610</b>	26	<b>658-0610</b>	36	11	<b>657-0610</b>	24	19
10	3/8	3/4	1/2	-0612			<b>654-0612</b>	29						
12	1/2	3/4	1/2	-0812			<b>654-0812</b>	32						
12	1/2	7/8	5/8	-0814			<b>654-0814</b>	32						
19	3/4	1.1/16	3/4	-1217			<b>654-1217</b>	36						

**SAE**

**45° FLARE**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE FEMALE 45° TUBE BEND			SAE FEMALE 90° TUBE BEND			SAE FEMALE 90° LONG TUBE BEND		
DN	inch	inch	inch		PART NO	CA	DL	PART NO	CA	DL	PART NO	CA	DL
10	3/8	1/2	5/16	-0608	<b>655-0608</b>	49	18						
10	3/8	5/8	3/8	-0610	<b>655-0610</b>	50	18	<b>656-0610</b>	40	34	<b>656L-0610</b>	40	60

**SAE**

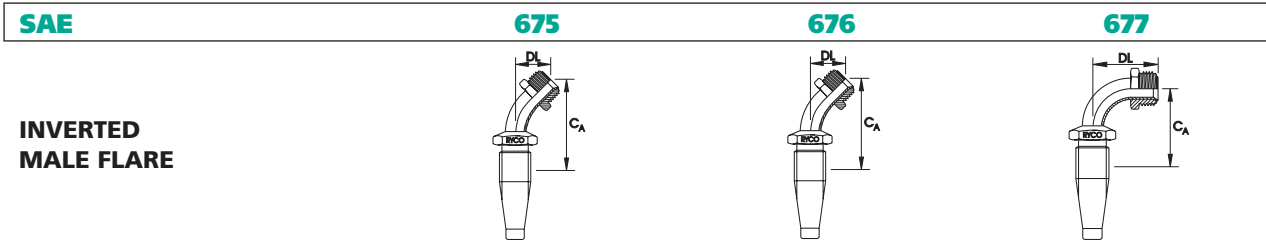
**INVERTED MALE FLARE**

HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE		SAE INVERTED MALE FLARE 90° ELBOW			SAE INVERTED MALE FLARE 90° EXTENDED ELBOW		
DN	inch	inch	inch		PART NO	CA	PART NO	CA	DL	PART NO	CA	DL
6	1/4	7/16	1/4	-0407	<b>674-0407</b>	50						
10	3/8	5/8	3/8	-0610	<b>674-0610</b>	47	<b>678-0610</b>	26	32	<b>679-0610</b>	26	60
10	3/8	11/16	7/16	-0611	<b>674-0611</b>	50	<b>678-0611</b>	26	36			

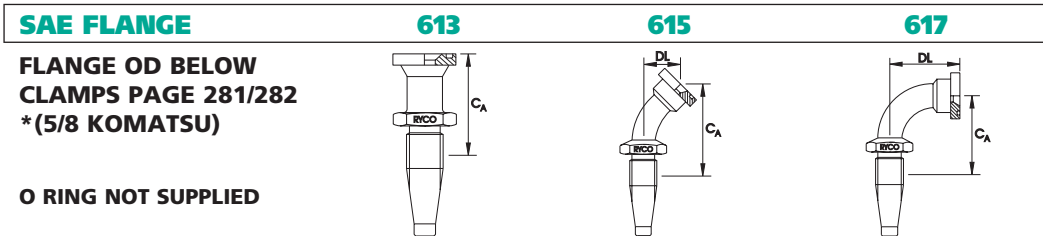
Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.



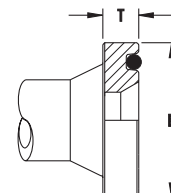
HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	SAE INVERTED MALE FLARE 45° TUBE BEND			SAE INVERTED MALE FLARE 60° TUBE BEND			SAE INVERTED MALE FLARE 90° TUBE BEND		
DN	inch	inch	inch		PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
6	1/4	7/16	1/4	-0407				<b>676-0407</b>	72	29	<b>677-0407</b>	53	38
10	3/8	5/8	3/8	-0610	<b>675-0610</b>	79	23				<b>677-0610</b>	61	50
10	3/8	11/16	7/16	-0611									



HOSE SIZE		NOM. FLANGE SIZE	DASH SIZE	CODE 61 FLANGE	CODE 61 FLANGE 45° TUBE BEND			CODE 61 FLANGE 90° TUBE BEND			
DN	inch	inch		PART NO	C <sub>A</sub>	PART NO	C <sub>A</sub>	DL	PART NO	C <sub>A</sub>	DL
12	1/2	1/2	-0808	<b>613-0808</b>	52	<b>615-0808</b>	66	19	<b>617-0808</b>	70	40
12	1/2	3/4	-0812	<b>613-0812</b>	52	<b>615-0812</b>	66	19	<b>617-0812</b>	70	40
16	5/8	*5/8	-1010	<b>613-1010</b>	58	<b>615-1010</b>	69	20	<b>617-1010</b>	74	42
19	3/4	3/4	-1212	<b>613-1212</b>	57	<b>615-1212</b>	71	22	<b>617-1212</b>	78	48
19	3/4	1	-1216	<b>613-1216</b>	58	<b>615-1216</b>	72	23	<b>617-1216</b>	79	49
19	3/4	1.1/4	-1220	<b>613-1220</b>	58	<b>615-1220</b>	86	26	<b>617-1220</b>	94	59
25	1	3/4	-1612						<b>617-1612</b>	83	49
25	1	1	-1616	<b>613-1616</b>	69	<b>615-1616</b>	90	26	<b>617-1616</b>	98	59
25	1	1.1/4	-1620	<b>613-1620</b>	69	<b>615-1620</b>	90	26	<b>617-1620</b>	98	59
25	1	1.1/2	-1624	<b>613-1624</b>	68	<b>615-1624</b>	98	28	<b>617-1624</b>	107	68
31	1.1/4	1	-2016	<b>613-2016</b>	75	<b>615-2016</b>	101	28	<b>617-2016</b>	111	68
31	1.1/4	1.1/4	-2020	<b>613-2020</b>	75	<b>615-2020</b>	101	28	<b>617-2020</b>	111	68
31	1.1/4	1.1/2	-2024	<b>613-2024</b>	75	<b>615-2024</b>	99	28	<b>617-2024</b>	111	68
38	1.1/2	1.1/2	-2424	<b>613-2424</b>	73	<b>615-2424</b>	103	31	<b>617-2424</b>	114	77
38	1.1/2	2	-2432	<b>613-2432</b>	74				<b>617-2432</b>	115	79
51	2	2	-3232	<b>613-3232</b>	98	<b>615-3232</b>	131	38	<b>617-3232</b>	141	99

### Dimensions for SAE Code 61 and Code 62 Flanges

NOM. FLANGE SIZE	inch	1/2	*5/8	3/4	1	1.1/4	1.1/2	2	2.1/2	
<b>CODE 61</b>	B	mm	30,2	34,0	38,1	44,5	50,8	60,3	71,4	84,1
	T	mm	6,73	6,73	6,73	8,00	8,00	8,00	9,53	9,53
<b>CODE 62</b>	B	mm	31,8		41,3	47,6	54,0	63,5	79,4	
	T	mm	7,75		8,76	9,53	10,29	12,57	12,57	



\*5/8 is used by Komatsu.

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

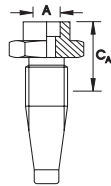
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

## SALVAGE

## 623

TUBE WELD

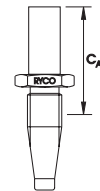


HOSE SIZE		A	DASH SIZE	SALVAGE (LIVESAVER)	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	623-0404	28
6	1/4	5/16	-0405		
6	1/4	3/8	-0406	623-0406	28
10	3/8	1/4	-0604		
10	3/8	3/8	-0606	623-0606	24
10	3/8	1/2	-0608	623-0608	24
12	1/2	1/2	-0808	623-0808	29
12	1/2	5/8	-0810	623-0810	29
12	1/2	3/4	-0812	623-0812	29
16	5/8	5/8	-1010	623-1010	31
16	5/8	3/4	-1012	623-1012	31
16	5/8	1	-1016		
19	3/4	5/8	-1210		
19	3/4	3/4	-1212	623-1212	30
19	3/4	1	-1216	623-1216	34
25	1	3/4	-1612	623-1612	37
25	1	1	-1616	623-1616	39
25	1	1.1/4	-1620	623-1620	40
31	1.1/4	1.1/4	-2020	623-2020	44
38	1.1/2	1.1/2	-2424	623-2424	39
38	2	2	-3232	623-3232	50

## STANDPIPE

## 618

IMPERIAL



HOSE SIZE		TUBE SIZE	DASH SIZE	IMPERIAL STANDPIPE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	5/16	-0405	618-0405	43
6	1/4	3/8	-0406	618-0406	44
10	3/8	1/4	-0604		
10	3/8	3/8	-0606	618-0606	41
10	3/8	1/2	-0608	618-0608	41
12	1/2	1/2	-0808	618-0808	52
12	1/2	5/8	-0810	618-0810	52
12	1/2	3/4	-0812		
16	5/8	5/8	-1010		
16	5/8	3/4	-1012	618-1012	60
16	5/8	1	-1016		
19	3/4	3/4	-1212	618-1212	66
19	3/4	7/8	-1214	618-1214	66
19	3/4	1	-1216		
25	1	3/4	-1612		
25	1	1	-1616	618-1616	70
25	1	1.1/4	-1620		
31	1.1/4	1.1/4	-2020	618-2020	81

Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

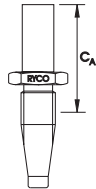
For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

## STANDPIPE

**664**

METRIC



HOSE SIZE	TUBE SIZE	DASH SIZE	METRIC STANDPIPE
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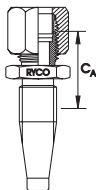
DN	inch	mm		PART NO	C <sub>A</sub>
6	1/4	6	-0406	<b>664-0406</b>	43
6	1/4	8	-0408	<b>664-0408</b>	43
6	1/4	10	-0410	<b>664-0410</b>	44
10	3/8	10	-0610	<b>664-0610</b>	40
10	3/8	12	-0612	<b>664-0612</b>	40
10	3/8	14	-0614	<b>664-0614</b>	46
12	1/2	15	-0815	<b>664-0815</b>	47
12	1/2	16	-0816	<b>664-0816</b>	52
16	5/8	16	-1016	<b>664-1016</b>	54
16	5/8	18	-1018		
16	5/8	20	-1020		
19	3/4	20	-1220	<b>664-1220</b>	60
19	3/4	22	-1222	<b>664-1222</b>	52
19	3/4	25	-1225		
25	1	28	-1628		
25	1	30	-1630	<b>664-1630</b>	74
31	1.1/4	38	-2038		

Note: See page 273 for DKL and DKS Metric Nuts and Olives for use with Metric Standpipe Fittings

## TUBE BITE

**685**

COMPLETE WITH NUT AND FLARELESS OLIVE



HOSE SIZE	TUBE SIZE	DASH SIZE	TUBE BITE
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DN	inch	inch		PART NO	C <sub>A</sub>
10	3/8	3/8	-0606	<b>685-0606</b>	32

# 600 Series Field Attachable Inserts



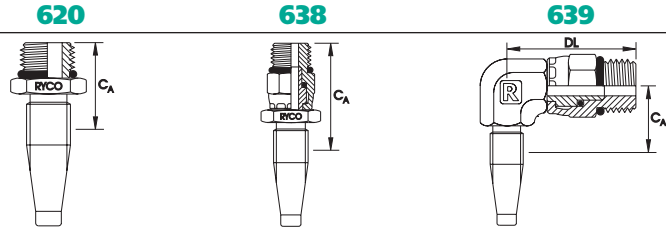
Field Attachable Inserts for RYCO Hose Series T1A, T2A, T1D, T2D, TXA2D, RQG1, RQP1, RQP2, T1F, M2, M2G.

For V00 Series for RQP5 and T5 Hose Series, see pages 188 to 201.

600 Series Inserts are used with NON-SKIVE Ferrules K00, L00, V00, 400 Series; and SKIVE Ferrules A00, B00 Series.

## UNO (O RING BOSS)

O RING SUPPLIED



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	UN O RING MALE	UN O RING MALE SWIVEL	UN O RING MALE SWIVEL 90° ELBOW				
DN	inch	inch	inch		PART NO	CA	PART NO	CA	PART NO	CA	DL
6	1/4	9/16	3/8	-0409	<b>620-0409</b>	31	<b>638-0409</b>	44	<b>639-0409</b>	26	33
6	1/4	3/4	1/2	-0412					<b>639-0412</b>	26	36
10	3/8	9/16	3/8	-0609	<b>620-0609</b>	27			<b>639-0609</b>	24	34
10	3/8	3/4	1/2	-0612	<b>620-0612</b>	30	<b>638-0612</b>	47	<b>639-0612</b>	24	38
10	3/8	7/8	5/8	-0614	<b>620-0614</b>	32			<b>639-0614</b>	24	41
12	1/2	3/4	1/2	-0812	<b>620-0812</b>	33			<b>639-0812</b>	32	40
12	1/2	7/8	5/8	-0814	<b>620-0814</b>	35	<b>638-0814</b>	51	<b>639-0814</b>	32	41
12	1/2	1.1/16	3/4	-0817	<b>620-0817</b>	39					
16	5/8	7/8	5/8	-1014	<b>620-1014</b>	37	<b>638-1014</b>	53			
16	5/8	1.1/16	3/4	-1017	<b>620-1017</b>	41					
16	5/8	1.5/16	1	-1021	<b>620-1021</b>	43					
19	3/4	1.1/16	3/4	-1217	<b>620-1217</b>	39					
19	3/4	1.5/16	1	-1221	<b>620-1221</b>	41					
25	1	1.1/16	3/4	-1617	<b>620-1617</b>	50					
25	1	1.3/16	7/8	-1619	<b>620-1619</b>	45					
25	1	1.5/16	1	-1621	<b>620-1621</b>	45					
25	1	1.5/8	1.1/4	-1626							

These "Live Swivel" **638** and **639** Series Inserts are for Maximum Working Pressure:

- 420 bar (6000 psi) -04 Hose Size
- 350 bar (5100 psi) -06 Hose Size
- 280 bar (4060 psi) -08 & -10 Hose Size

Their swivel capability is to allow easy installation and orientation and avoid twisting of hose. They are not designed for continuous rotation or continuous movement.

Intro

Hose

Couplings

Adaptors

Accessories

Filters

Technical

### NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.

For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

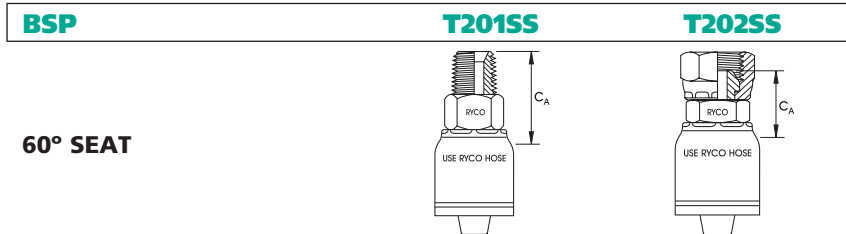
### SKIVE

For RYCO Hose Series PW2, TW1.

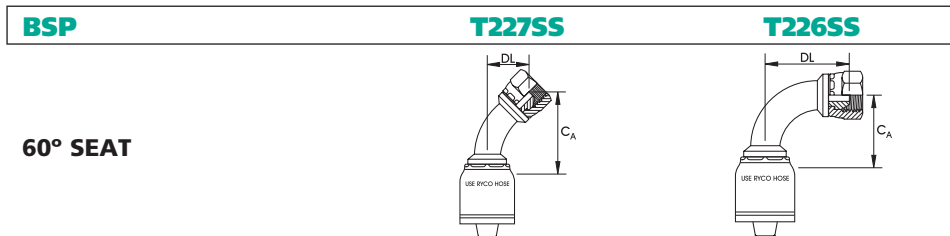
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.

For RYCO Hose T240A, use 1200 Series Couplings.

Manufactured from Grade 316 Stainless Steel.



HOSE SIZE			THREAD SIZE	DASH SIZE	STAINLESS STEEL BSPT MALE	STAINLESS STEEL BSPP FEMALE		
DN	inch	inch			PART NO	CA	PART NO	CA
6	1/4	1/4	-0404				T202SS-0404	22
10	3/8	3/8	-0606				T202SS-0606	24
10	3/8	1/2	-0608	T201SS-0608	38		T202SS-0608	27
12	1/2	1/2	-0808	T201SS-0808	40		T202SS-0808	26
19	3/4	3/4	-1212				T202SS-1212	28
25	1	1	-1616				T202SS-1616	33



HOSE SIZE			THREAD SIZE	DASH SIZE	STAINLESS STEEL BSPP FEMALE 45° TUBE BEND	STAINLESS STEEL BSPP FEMALE 90° TUBE BEND				
DN	inch	inch			PART NO	CA	DL	PART NO	CA	DL
6	1/4	1/4	-0404							
10	3/8	3/8	-0606							
10	3/8	1/2	-0608							
12	1/2	1/2	-0808							
19	3/4	3/4	-1212	T227SS-1212	69	26		T226SS-1212	55	60
25	1	1	-1616							

## NON-SKIVE

For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, T3KA, T3KD, TJ2D, TXA2D, DF2A, RQP1, RQP2, RQG1 up to sizes -20.  
For these RYCO Hose Series -24 and -32 sizes, use T700 Series Couplings.

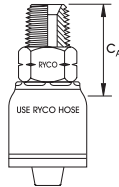
## SKIVE

For RYCO Hose Series PW2, TW1.  
For RYCO Hose H1206A, H1206D, H1206S, H1208A, H1208D, H1208S, H1210A, HSP04A, HSP06A, HSP08A, HSP10A.  
For RYCO Hose T240A, use 1200 Series Couplings.

Manufactured from Grade 316 Stainless Steel.

### NPT T209SS

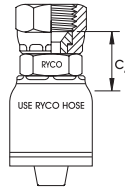
60° SEAT



HOSE SIZE		TUBE SIZE	DASH SIZE	STAINLESS STEEL NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
6	1/4	1/4	-0404	T209SS-0404	30
10	3/8	3/8	-0606	T209SS-0606	33
10	3/8	1/2	-0608	T209SS-0608	38
12	1/2	1/2	-0808	T209SS-0808	40
19	3/4	3/4	-1212	T209SS-1212	41
25	1	1	-1616	T209SS-1616	48

### JIC T204SS

37° FLARE

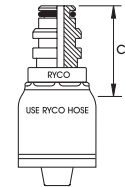


HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	STAINLESS STEEL JIC MALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
6	1/4	7/16	1/4	-0407	T204SS-0407	19
6	1/4	1/2	5/16	-0408		
6	1/4	9/16	3/8	-0409	T204SS-0409	20
10	3/8	9/16	3/8	-0609	T204SS-0609	20
10	3/8	3/4	1/2	-0612	T204SS-0612	22
12	1/2	3/4	1/2	-0812	T204SS-0812	22
12	1/2	7/8	5/8	-0814	T204SS-0814	25
12	1/2	1.1/16	3/4	-0817		
16	5/8	7/8	5/8	-1014	T204SS-1014	25
19	3/4	7/8	5/8	-1214		
19	3/4	1.1/16	3/4	-1217	T204SS-1217	26
25	1	1.5/16	1	-1621	T204SS-1621	30

### RYCOLOK T287SS

STAPLE

O RING & BACKUP RING SUPPLIED



HOSE SIZE		STAPLE SIZE	DASH SIZE	STAINLESS STEEL RYCOLOK MALE	
DN	inch	mm		PART NO	C <sub>A</sub>
12	1/2	13	-0813	T287SS-0813	41

### NON-SKIVE

For RYCO Hose Series H12A, H12D, H12S all sizes.  
 For RYCO Hose Series T1A, T1D, T1F, T2A, T2D, T2S, TXA2D, RQP1, RQP2, sizes -06 to -32. For RYCO Hose DF26A, DF212A.  
 For RYCO Hose HSP06A, HSP08A, HSP10A, HSH20A, HSH24A, HSH32A.

### SKIVE

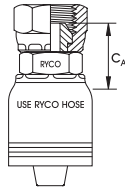
For RYCO Hose H1312A, H1312D, H1312S, H1316A, H1316D, H1316S, H1320A, H1320D, H1320S.  
 For RYCO Hose PW26, TW16, TW18.

Manufactured from Grade 316 Stainless Steel.

### BSP

### T702SS

60° SEAT

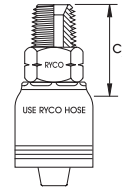


HOSE SIZE		THREAD SIZE	DASH SIZE	STAINLESS STEEL BSP FEMALE	
DN	inch	inch		PART NO	C <sub>A</sub>
31	1.1/4	1.1/4	-2020	<b>T702SS-2020</b>	41
38	1.1/2	1.1/2	-2424	<b>T702SS-2424</b>	45
51	2	2	-3232	<b>T702SS-3232</b>	54

### NPT

### T709SS

60° SEAT

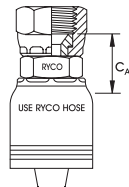


HOSE SIZE		THREAD SIZE	DASH SIZE	STAINLESS STEEL NPT MALE	
DN	inch	inch		PART NO	C <sub>A</sub>
10	3/8	3/8	-0606	<b>T709SS-0606</b>	33
10	3/8	1/2	-0608		
12	1/2	1/2	-0808	<b>T709SS-0808</b>	40
19	3/4	3/4	-1212	<b>T709SS-1212</b>	41
25	1	1	-1616	<b>T709SS-1616</b>	48
31	1.1/4	1.1/4	-2020	<b>T709SS-2020</b>	53
38	1.1/2	1.1/2	-2424	<b>T709SS-2424</b>	55
51	2	2	-3232	<b>T709SS-3232</b>	66

### JIC

### T704SS

37° FLARE



HOSE SIZE		THREAD SIZE	TUBE SIZE	DASH SIZE	STAINLESS STEEL JIC MALE	
DN	inch	inch	inch		PART NO	C <sub>A</sub>
10	3/8	9/16	3/8	-0609		
12	1/2	3/4	1/2	-0812		
12	1/2	7/8	5/8	-0814		
19	3/4	1.1/16	3/4	-1217	<b>T704SS-1217</b>	26
25	1	1.5/16	1	-1621	<b>T704SS-1621</b>	30
31	1.1/4	1.5/8	1.1/4	-2026	<b>T704SS-2026</b>	36
38	1.1/2	1.7/8	1.1/2	-2430	<b>T704SS-2430</b>	45
51	2	2.1/2	2	-3240	<b>T704SS-3240</b>	54